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Cover: Sandwich Tern photographed 5 mi. south of Ocean City on July 25, 1972 by Richard A. Rowlett. Yellow bill tip is visible in original Kodachrome.



REPORT OF STATE-WIDE BIRD COUNT, MAY 5, 1973

C. Douglas Hackman

"Wind-ugh!" This comment was appended to one of the many counts received for our 26th consecutive May Count and it very succinctly summarized the prevailing conditions. Observers throughout the State experienced increasing difficulty in spotting and hearing birds as the day progressed. By mid-afternoon the winds, which had been virtually calm at dawn, were gusting to speeds of 30-35 mph. The coolness of the day also added somewhat to the observer's problems. Temperatures around the State varied from 33°-53° in Garrett County to the mid-40's and the low 70's on the Eastern Shore.

For the third straight year the writer spent the night in a boat in the Gunpowder Marshes on the Baltimore-Harford County line in hopes of recording a good night migration between the hours of midnight and dawn. For the third straight year there was disappointment. For more than five chilly and seemingly endless hours the boat drifted around silently, and as my wife slept peacefully and warmly in her sleeping bag I sat, chilly and uncomfortable, wedged into the bow with ears straining for the slightest sound. I should have slept since not one chip call was heard through the night. There was absolutely no migratory movement in the predawn hours of May 5.

In spite of the cool temperatures and the strong, gusty winds, a record 412 observers turned out in all of Maryland's 23 counties and tallied 141,476 individuals of 243 species. Party-hours (1376) showed a slight increase over those of the previous year but the mileage traveled was somewhat lower. Perhaps discouraged by the coolness and strong winds, this year's observers spent more time in their cars and much less time on foot than in 1972. Observers this year rang up 4850 party-miles, which breaks down as follows: 4104 miles by car, 692 miles on foot, 35 miles by boat, and 19 miles by bike.

Even though counts were submitted from all counties there was no consistency in the coverage. Seven counties fielded seven or fewer observers for periods ranging between three to more than 20 party-hours. All of these counties need more observers if our count is to more accurately reflect the bird population. Looking on the brighter side, five years ago there were eight counties that received no coverage at all.

In the county totals that follow, the number of observers fielded is indicated in parentheses:

Anne Arundel (46)	161	Garrett (23)	130	Talbot (3)	110
Baltimore (70)	156	Charles (8)	127	Somerset (3)	87
Dorchester (4)	155	Caroline (35)	123	Washington (8)	83
Worcester (6)	152	Allegany (36)	122	Wicomico (7)	81
Montgomery (43)	151	Howard (14)	122	Calvert (1)	66
Kent (36)	138	Frederick (21)	118	Queen Annes (2)	62
Prince Georges (24)	137	Harford-Cecil (15)	116	Carroll (2)	62
				St. Marys (4)	46

The major counts for both Harford and Cecil county were tallied together this year, in the manner of the annual Christmas counts, and then could not be unraveled because the original field records had been discarded. So, regretfully, and with apologies to those who submitted separate counts for their respective counties, the totals from both counties have been combined under the heading HEC(K)! Compilers and counters please note: if counting in an area located in more than one county please submit a separate list for each county. Each county list that is submitted should also contain the following information: names of observers, location of count, weather notes, inclusive coverage times, party-hours and party-miles. Party-hours and party-miles should be broken down by the method of travel such as car or foot.

No outstanding rarities were added to the list this year. The Ringed Turtle Dove is still hanging around the Towson area. Counters in Anne Arundel County found and correctly identified 2 young Whooper Swans; an escaped pair nested in Anne Arundel County this year and successfully fledged young, two of which were observed on May 5 by Hal Wierenga, *et al.*; these birds were later photographed as proof of identification but are not considered countable. Dr. Sladen, who is involved in a study of the Whistling Swan, subsequently trapped and marked several of these young Whoopers. Observers in Anne Arundel and surrounding counties should be on the lookout for these birds this fall and winter.

This year, as in the past, during the process of compiling all of the various counts several deletions have been made. In all three instances the species deleted were reported from only one county and all three represent sight records of birds that should not ordinarily be in Maryland on the late date of May 5. These consist of 2 Winter Wrens from Frederick County, 2 Connecticut Warblers and 1 Tree Sparrow from Allegany County. The Connecticut Warblers customarily migrate up the Mississippi Valley in the spring and are seldom seen in Maryland in that season.

This year many authorities have been expressing concern over the Purple Martin population, which took a terrible beating last year during Hurricane Agnes. Table 1 summarizes the totals for this species for the past 14 years. This year's count, while the fourth highest in terms of individuals seen, actually amounted to only 0.74 birds per party-hour. This low figure is second only to the 1967 low of 0.64 birds per

party-hour. The 1967 count day was a rather poor one for observation with rain, drizzle and mist. The low count in 1968 cannot be readily accounted for, but apparently there was an abrupt drop in the martin population in 1967. It is heartening to note that in succeeding years the species made a rapid recovery and it is hoped that this will again be the case.

Table 1. Purple Martin Observations, 1960-1973

<u>Year</u>	<u>Total Observed</u>	<u>Party-hours</u>	<u>Birds/Party-hour</u>
1960	461	428 $\frac{1}{2}$	1.07
1961	577	488 $\frac{1}{2}$	1.17
1962	539	442 $\frac{1}{2}$	1.21
1963	661	564 $\frac{1}{2}$	1.17
1964	686	656	1.04
1965	780	684 $\frac{1}{2}$	1.14
1966	939	690	1.36
1967	461	714	0.64
1968	555	620	0.89
1969	865	818	1.05
1970	1298	877	1.48
1971	1070	951	1.12
1972	1418	1315	1.07
1973	1023	1376	0.74

Some may notice the dramatic increase in the totals for the Double-crested Cormorant and for many of the herons. The count for cormorants was six times that of any previous count on record back to 1960. Snowy and Cattle Egret increased by nearly 10 times, Little Blue Heron by nearly 18 and Louisiana Heron by nearly 25 times. These increases represent expanding coverage of previously neglected or unexplored areas as well as actual increases in the populations of these species. One observer traveled by boat to South Point, Worcester County and visited a large, previously ignored heron rookery. No doubt, there are many other productive bird areas in the State that are ignored each year. This may be especially true of those counties in which only a handful of counters are working.

Summary of Coverage

GARRETT COUNTY (Gar). 23 observers. 5:00 a.m. to 10:00 p.m.
 Gloria Aiken, Carl Carlson, Wayne Colmer, Marty Cook, Dot Dawson, Bill Devlin, Alverta Dillon, Louise Dillon, Lydia Geare, Mike Likens, Bill Nemith, Nancy Nemith, Gordon Paul, Sally Paul, Bill Pope, Fran Pope, Nick Pope, Kathryn Speicher, Billie Taylor, Jo Walker, John Willetts, John C. Yoder, Samuel Yoder.

ALLEGANY COUNTY (All). 36 observers. 4:30 a.m. to 9:00 p.m.
 Helen Brake, Muriel Clark, Bill Devlin, Bill Eichelberger, Tuddy Eichelberger, Billy Eichelberger, Rebecca Eichelberger, Harold Frankhouser, Lillian Frankhouser, Dale Fuller, Elyse Harman, Jon Jansen,

Table 2. State-wide Bird Count

Species	Gar	All	Was	Fre	Mon	How	Cri	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Common Loon	11	1	-	-	2	-	-	2	8	1	-	10	5	-	5	5	-	2	4	-	-	1	57
Horned Grebe	-	-	-	-	-	-	-	4	-	4	-	-	-	-	-	4	-	1	-	-	-	-	13
Pied-billed Grebe	-	-	-	-	-	-	-	5	-	2	-	2	-	-	-	-	-	-	-	-	-	-	9
Double-crested Cormorant	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	15	1	47	7	-	1773	1850
Great Blue Heron	-	-	-	-	3	-	-	27	19	25	-	30	29	-	104	14	17	25	400	4	14	6	717
Green Heron	4	2	-	6	11	1	-	3	9	28	1	27	13	4	12	4	6	2	19	2	14	5	173
Little Blue Heron	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	9	450	463
Cattle Egret	-	-	1	-	-	-	-	-	9	1	-	-	4	5	37	200	-	14	64	45	45	1232	1657
Common Egret	-	-	-	-	-	-	-	2	-	-	-	1	18	-	4	17	-	1	150	2	11	170	376
Snowy Egret	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	7	-	-	175	1	91	1032	1308
Louisiana Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	350	356
Black-cr. Night Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	62	67
Yellow-cr. Night Heron	-	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Least Bittern	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	-	-	-	4
American Bittern	-	-	-	-	2	-	-	-	-	4	-	1	-	-	-	-	1	-	8	-	-	-	16
Glossy Ibis	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	12	329	883	1228
Mute Swan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	-	-	-	-	5
Whistling Swan	-	-	-	-	-	-	-	-	-	60	-	2	1	-	6	-	-	-	1	-	-	-	70
Canada Goose	2	-	14	2	4	4	-	5	4	-	-	146	9	2	162	-	6	25	62	-	-	30	477
Mallard	16	2	43	18	75	11	2	19	74	63	-	30	33	-	471	6	55	9	19	3	-	16	965
Black Duck	1	2	1	-	4	2	-	2	9	17	-	36	5	-	80	24	19	4	95	6	58	33	398
Gadwall	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	-	-	-	2	4	-	-	13
Pintail	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	2	-	-	4
Green-winged Teal	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	2	6	-	-	-	12
Blue-winged Teal	14	-	-	2	7	2	-	6	20	2	-	3	7	-	13	1	-	8	50	49	-	-	184
American Widgeon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	4	-	-	7
Shoveler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	3
Wood Duck	8	5	8	29	89	4	-	25	80	57	-	50	16	-	17	-	7	6	2	1	-	1	405
Redhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Ring-necked Duck	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Canvasback	-	-	-	-	-	-	-	-	-	3	-	-	-	-	18	-	-	-	-	-	-	-	21
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	11
Lesser Scaup	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Common Goldeneye	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4
Bufflehead	25	-	-	1	6	-	-	-	6	3	-	-	-	-	1	-	-	-	-	-	-	-	42

	Gar	All	Was	Fre	Mon	How	CrI	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Common Scoter	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13
Ruddy Duck	6	-	-	-	-	-	-	-	-	26	-	-	-	-	115	-	-	1	6	-	-	-	154
Hooded Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Common Merganser	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Red-breasted Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	17	18
Turkey Vulture	17	13	8	59	52	55	1	40	89	41	14	24	42	10	186	30	310	26	70	86	15	76	1264
Black Vulture	-	-	-	6	5	2	1	-	2	1	-	-	1	1	18	-	5	3	6	-	1	4	56
Sharp-shinned Hawk	3	1	-	-	3	-	-	2	5	3	-	1	-	-	1	-	-	-	-	-	1	-	20
Cooper's Hawk	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	2
Red-tailed Hawk	-	3	2	-	13	9	-	3	7	8	-	6	8	-	16	-	7	4	10	1	-	3	100
Red-shouldered Hawk	2	2	-	2	19	15	-	1	3	21	-	11	8	1	1	-	2	1	1	-	-	-	90
Broad-winged Hawk	7	7	1	2	15	4	3	5	29	7	1	2	5	-	1	-	1	1	-	-	-	-	91
Bald Eagle	-	-	-	-	-	-	-	-	-	-	-	-	3	5	3	-	-	1	16	-	-	-	28
Marsh Hawk	1	1	-	-	2	-	-	3	1	-	-	-	1	-	3	-	-	-	3	-	9	-	24
Osprey	3	1	2	4	11	-	1	10	14	15	-	8	17	6	43	16	6	10	70	1	2	6	246
Pigeon Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2
Sparrow Hawk	3	6	2	3	5	6	-	5	16	15	-	8	-	-	23	1	15	2	-	-	-	-	110
Ruffed Grouse	19	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Bobwhite	1	32	38	19	75	24	5	26	75	118	6	49	50	11	116	16	103	32	28	14	20	16	874
Ring-necked Pheasant	-	-	1	19	1	4	2	3	72	-	-	-	-	-	-	-	-	-	-	-	-	-	102
Turkey	13	7	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
King Rail	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	3	-	9	-	8	-	24
Clapper Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	8	11
Virginia Rail	-	-	-	-	-	-	-	1	1	8	-	1	-	-	-	-	-	-	55	-	6	-	72
Sora	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	9	-	2	-	14
Black Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6
Common Gallinule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	9	-	10
American Coot	112	1	-	-	-	-	-	-	-	-	-	2	-	-	50	3	-	-	2	-	500	4	674
American Oystercatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	31
Semipalmated Plover	-	-	-	1	-	-	-	-	1	-	-	1	-	-	1	2	-	-	6	-	37	54	103
Piping Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	138
Wilson's Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Killdeer	25	29	7	11	25	5	1	6	40	34	-	24	8	3	29	9	43	8	11	4	4	5	331
Black-bellied Plover	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	6	-	13	94	121
Ruddy Turnstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	33	34

	Gar	All	Was	Fre	Mon	How	Cr1	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
American Woodcock	5	1	-	6	14	3	-	-	11	9	-	3	7	-	10	-	1	-	15	-	1	4	90
Common Snipe	-	-	-	-	2	-	-	2	3	2	-	1	1	-	5	-	-	-	1	-	-	-	17
Whimbrel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
Upland Plover	6	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7
Spotted Sandpiper	10	12	2	22	39	5	-	3	56	56	-	39	19	-	3	4	1	-	-	-	-	8	279
Solitary Sandpiper	3	6	-	12	36	2	-	-	10	35	-	12	5	-	5	-	-	2	-	-	-	-	128
Willet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	4	23	638	711
Greater Yellowlegs	-	-	-	7	14	-	-	11	16	6	-	4	12	-	60	3	13	8	45	-	33	10	242
Lesser Yellowlegs	-	3	-	25	34	-	-	9	5	8	-	4	2	-	20	9	3	1	16	-	390	-	529
Knot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	42	48
Purple Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	66
Pectoral Sandpiper	-	-	-	-	5	-	-	-	-	-	-	15	-	-	6	-	-	-	4	-	-	-	30
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	3
Least Sandpiper	4	-	-	10	17	-	-	-	5	28	-	5	2	-	-	-	-	7	41	4	6	21	150
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	2340	2365
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	63	69
Semipalmated Sandpiper	-	2	-	-	-	-	-	-	-	2	-	20	-	-	-	-	11	-	6	-	5	25	71
Western Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
Sanderling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1148	1148
Great Black-backed Gull	-	-	-	-	-	-	-	26	-	20	-	-	-	-	18	-	-	6	26	-	9	39	144
Herring Gull	-	-	-	-	1	-	-	98	18	66	6	-	106	2	124	6	-	12	209	36	46	1594	2324
Ring-billed Gull	22	2	-	-	-	-	-	286	38	514	-	13	149	6	271	22	5	24	44	12	68	67	1543
Laughing Gull	-	-	-	-	-	-	-	-	-	116	3	-	102	5	13	80	361	92	90	216	594	447	2119
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	1	2	8
Forster's Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	8	2	11
Common Tern	1	-	-	-	-	-	-	-	-	2	-	-	1	-	-	2	-	2	1	-	2	357	368
Least Tern	-	-	-	-	-	-	-	1	-	-	-	-	-	-	4	6	-	-	2	-	-	58	71
Royal Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	12	14
Caspian Tern	-	-	-	-	-	-	-	9	5	2	-	-	-	-	-	-	-	-	1	-	-	5	22
Black Tern	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Black Skimmer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	72
Ringed Turtle Dove	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mourning Dove	15	19	63	70	310	157	9	58	427	253	15	378	98	17	256	11	186	31	20	17	18	42	2470
Yellow-billed Cuckoo	-	1	2	9	13	1	-	2	4	3	-	1	-	-	1	-	3	-	-	-	-	2	42
Black-billed Cuckoo	-	1	-	-	4	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	8

June 1973

MARYLAND BIRDLIFE

	Gar	All	Was	Fre	Mon	How	Crl	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Barn Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Screech Owl	1	-	-	2	-	-	-	-	2	1	-	-	-	-	-	-	-	-	4	-	-	1	11
Great Horned Owl	-	-	-	3	-	3	-	-	1	1	-	1	-	-	5	-	2	1	4	-	-	2	23
Barred Owl	1	3	-	1	15	6	-	-	14	7	1	6	4	1	2	-	5	-	-	1	-	1	68
Chuck-will's-widow	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	1	-	3	-	-	3	11
Whip-poor-will	-	2	-	1	2	6	-	1	40	21	-	23	3	-	-	-	15	-	6	-	-	5	125
Common Nighthawk	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	1	-	1	-	-	1	8
Chimney Swift	15	94	37	140	167	20	4	68	108	56	10	145	36	10	65	9	121	10	18	7	8	25	1173
Ruby-thr. Hummingbird	1	4	-	1	15	3	-	13	7	5	2	4	1	-	10	-	3	2	1	-	1	3	76
Belted Kingfisher	9	5	1	6	19	8	2	27	15	21	-	7	2	-	14	-	9	-	1	-	3	3	152
Yellow-shafted Flicker	49	94	20	22	38	43	5	6	124	64	1	34	3	1	59	7	19	9	10	7	7	29	651
Pileated Woodpecker	5	28	1	4	16	2	-	-	11	10	-	1	4	-	1	-	4	1	4	-	-	11	103
Red-bellied Woodpecker	2	26	3	23	74	39	6	27	80	101	4	64	23	2	70	-	15	8	5	6	-	15	593
Red-headed Woodpecker	2	1	-	1	10	1	-	-	1	4	-	-	1	-	1	-	-	1	-	-	-	1	24
Yellow-bellied Sapsucker	-	1	3	1	-	-	-	-	1	1	2	-	1	-	1	-	-	-	-	-	-	-	11
Hairy Woodpecker	13	22	2	4	11	6	-	1	2	18	-	4	2	-	1	-	6	-	1	-	-	6	99
Downy Woodpecker	32	59	13	18	79	47	5	-	73	49	3	30	4	-	14	-	18	4	1	4	-	3	456
Eastern Kingbird	7	6	3	16	53	22	1	23	98	65	5	34	7	5	35	-	12	2	13	3	8	12	430
Gr. Crested Flycatcher	-	9	5	10	51	7	-	-	17	14	-	10	8	2	16	-	23	12	10	5	-	32	231
Eastern Phoebe	10	28	4	17	45	8	1	-	43	16	2	8	7	-	4	-	16	1	-	-	-	5	215
Acadian Flycatcher	-	-	-	5	25	3	-	2	8	12	-	3	4	-	2	-	6	-	2	4	-	5	81
Traill's Flycatcher	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Least Flycatcher	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
E. Wood Pewee	3	1	-	2	2	-	-	1	11	7	-	2	2	-	3	-	2	-	1	-	1	3	41
Olive-sided Flycatcher	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Horned Lark	7	-	2	2	2	1	-	8	4	8	-	1	-	-	6	-	40	-	3	5	-	19	108
Tree Swallow	155	9	20	40	115	7	-	61	190	38	-	185	185	62	112	15	119	20	325	30	50	231	1969
Bank Swallow	-	17	-	-	91	-	-	8	45	9	-	103	17	91	87	18	38	-	78	-	-	42	644
Rough-winged Swallow	4	32	6	64	170	3	6	6	27	27	-	75	6	-	11	-	35	2	2	-	52	5	533
Barn Swallow	231	117	36	203	1766	166	11	64	1319	606	48	480	322	-	212	80	682	51	295	149	138	2007	8983
Cliff Swallow	2	9	-	2	5	1	2	-	50	-	-	8	1	-	-	-	-	-	2	-	-	1	83
Purple Martin	42	24	15	28	144	57	1	36	126	36	11	59	6	31	77	6	119	6	125	12	19	43	1023
Blue Jay	164	122	78	97	177	172	6	93	648	1437	19	266	98	10	200	32	169	25	21	24	6	89	3953
Common Raven	2	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Common Crow	257	102	62	126	252	99	11	54	675	273	13	274	183	10	167	40	140	52	35	20	12	57	2914

	Gar	All	Was	Fre	Mon	How	CrI	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Fish Crow	-	-	-	2	11	2	-	10	24	31	3	21	21	1	14	-	8	10	31	25	15	60	289
Black-capped Chickadee	104	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138
Carolina Chickadee	-	-	16	45	234	117	9	47	208	247	8	166	38	3	115	11	100	22	14	19	10	71	1500
Tufted Titmouse	31	100	23	45	268	120	5	42	196	228	8	124	52	1	54	-	91	20	8	17	1	39	1473
White-breasted Nuthatch	40	21	3	8	19	5	1	1	28	5	-	1	-	-	1	-	-	-	1	-	-	5	139
Red-breasted Nuthatch	9	-	1	-	1	5	-	-	3	3	-	-	1	-	3	-	1	1	-	-	-	1	29
Brown-headed Nuthatch	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	3	5	-	2	13	25
Brown Creeper	4	1	-	-	2	-	-	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	11
House Wren	17	19	17	40	169	28	2	15	143	33	1	14	25	-	21	-	15	2	9	4	11	5	590
Carolina Wren	-	27	3	33	184	77	6	24	190	243	12	103	82	1	107	11	51	11	17	13	9	48	1252
Long-billed Marsh Wren	1	-	-	-	2	-	-	5	14	3	-	4	1	-	4	-	4	1	90	-	260	-	389
Short-billed Marsh Wren	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	-	4
Mockingbird	1	20	23	18	57	55	5	37	210	182	13	100	113	12	182	40	104	24	6	14	18	34	1268
Catbird	41	55	11	41	183	156	1	19	200	129	2	87	23	2	68	3	47	3	8	13	15	18	1125
Brown Thrasher	15	27	11	29	28	41	1	8	88	98	1	58	9	5	71	3	58	4	3	4	-	7	569
Robin	411	344	160	202	298	192	15	229	870	452	34	286	288	10	591	135	336	54	36	108	124	43	5218
Wood Thrush	45	40	2	40	74	110	4	28	144	121	15	98	19	1	43	1	81	11	10	12	1	36	936
Hermit Thrush	-	1	-	1	-	-	-	-	10	-	-	-	1	-	-	-	-	-	-	-	5	2	20
Swainson's Thrush	2	3	-	-	5	7	-	-	4	1	-	2	-	-	-	-	-	-	-	-	-	-	24
Gray-cheeked Thrush	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	3
Veery	9	1	-	1	5	5	-	-	18	10	-	-	-	-	1	-	2	1	-	-	-	1	54
Eastern Bluebird	9	7	27	8	33	5	-	-	9	54	12	70	24	5	5	-	23	4	4	4	-	2	305
Blue-gray Gnatcatcher	22	43	10	29	226	65	2	16	61	58	3	14	19	-	3	-	9	4	8	-	2	35	629
Golden-crowned Kinglet	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Ruby-crowned Kinglet	33	29	3	9	16	9	-	3	66	55	1	18	1	-	2	-	-	4	1	-	-	7	257
Water Pipit	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	14
Cedar Waxwing	4	-	15	13	32	-	-	-	7	2	-	26	-	-	-	-	10	6	2	-	-	-	117
Loggerhead Shrike	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Starling	370	213	267	458	1092	314	15	1307	2218	2016	27	1088	262	45	658	130	945	140	75	350	363	428	12781
White-eyed Vireo	-	-	-	-	28	72	3	9	43	87	-	35	14	-	28	3	30	8	10	5	9	77	461
Yellow-throated Vireo	-	4	-	4	18	6	1	2	7	15	1	9	9	-	-	-	4	-	1	-	-	30	111
Solitary Vireo	5	-	2	3	6	2	-	5	4	5	-	1	-	-	-	-	-	1	1	-	-	1	36
Red-eyed Vireo	-	23	3	23	93	65	2	15	65	209	12	85	74	-	30	-	57	20	10	3	-	109	898
Warbling Vireo	-	6	2	4	21	-	-	11	-	-	-	-	-	-	1	-	1	-	-	-	-	-	46
Black-&-white Warbler	9	22	-	4	20	20	1	5	82	60	1	7	10	-	8	1	27	2	5	6	-	50	340

	Car	All	Was	Fre	Mon	How	Crl	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Prothonotary Warbler	-	4	2	1	34	2	-	5	1	9	-	3	3	-	3	-	13	2	2	3	-	22	109
Worm-eating Warbler	2	12	-	4	2	2	-	-	19	21	-	-	1	-	3	-	2	-	3	2	-	36	109
Golden-winged Warbler	-	8	-	-	4	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	14
Blue-winged Warbler	-	-	-	1	5	8	1	4	13	17	-	6	1	-	1	-	3	-	-	-	-	-	60
Tennessee Warbler	-	-	-	4	5	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Nashville Warbler	1	5	-	1	2	-	-	2	6	6	-	-	11	-	1	-	-	-	1	-	-	-	36
Parula Warbler	10	3	1	6	143	30	-	6	48	123	2	25	14	-	4	-	6	-	1	2	-	25	449
Yellow Warbler	12	37	2	-	23	12	1	27	58	27	2	9	2	-	20	-	5	2	4	7	12	9	271
Magnolia Warbler	1	3	-	1	1	3	-	-	3	3	-	-	-	-	-	-	-	-	1	-	-	-	16
Cape May Warbler	1	-	-	-	6	2	-	-	7	6	-	-	-	-	-	-	-	1	-	-	-	-	23
Black-thr. Blue Warbler	8	5	1	5	18	5	-	5	23	33	1	11	1	-	3	-	2	1	-	-	-	-	122
Myrtle Warbler	76	22	8	58	284	28	17	26	217	300	2	120	37	-	72	5	34	8	29	6	-	39	1388
Black-thr. Green Warbler	6	3	-	3	16	4	-	-	14	6	-	1	-	-	-	-	-	-	-	-	-	-	53
Cerulean Warbler	1	8	-	-	45	9	-	-	6	4	-	5	1	-	-	-	-	-	-	-	-	-	79
Blackburnian Warbler	2	15	-	-	2	2	-	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	29
Yellow-throated Warbler	3	12	-	-	7	-	-	-	1	-	1	-	1	-	-	-	-	-	3	1	-	113	142
Chestnut-sided Warbler	3	8	-	-	9	2	-	1	8	8	-	-	1	-	-	-	-	-	-	-	-	3	43
Bay-breasted Warbler	1	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	4
Blackpoll Warbler	-	9	-	-	1	-	-	-	1	2	1	-	-	-	4	-	-	2	1	-	-	-	21
Pine Warbler	1	14	-	-	-	-	-	-	3	9	-	3	4	-	25	2	2	10	13	5	12	42	145
Prairie Warbler	3	-	-	-	1	27	6	2	40	27	-	8	28	-	10	-	7	-	1	-	-	11	171
Palm Warbler	11	-	-	1	2	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	17
Ovenbird	32	1	-	9	4	36	-	5	64	81	2	27	19	-	7	-	24	2	15	4	9	188	529
Northern Waterthrush	3	3	-	-	12	3	-	-	4	7	-	2	-	-	-	-	3	-	-	-	-	-	37
Louisiana Waterthrush	31	3	7	8	15	15	2	5	11	19	1	4	3	-	-	-	3	1	-	-	-	3	131
Kentucky Warbler	-	-	-	3	6	12	-	3	14	6	1	2	3	-	2	-	15	1	4	1	-	-	73
Yellowthroat	51	19	1	10	68	100	3	20	187	118	8	56	32	-	140	9	65	8	66	33	33	95	1122
Yellow-breasted Chat	1	7	2	1	17	19	2	4	16	12	-	14	12	-	4	-	6	2	5	-	-	3	127
Hooded Warbler	-	3	-	-	1	26	-	2	4	41	3	1	8	-	-	-	1	-	-	-	-	23	113
Wilson's Warbler	1	-	-	-	1	1	-	1	-	1	-	1	-	-	2	-	-	-	-	-	-	-	8
Canada Warbler	-	-	-	-	4	2	-	-	1	3	-	-	-	-	1	-	-	-	-	-	-	-	11
American Redstart	9	4	-	2	47	34	-	7	22	109	2	66	10	-	-	-	5	1	1	6	-	5	330
House Sparrow	135	153	98	168	256	59	5	213	528	194	29	202	90	7	328	25	541	20	60	256	95	199	3661
Bobolink	10	-	-	8	109	17	-	-	35	-	-	1	10	-	-	-	-	-	1	-	-	-	191
Eastern Meadowlark	47	58	21	63	92	57	10	30	135	52	5	83	85	15	91	10	78	21	22	-	8	74	1057

	Gar	All	Was	Fre	Mon	How	CrI	Hec	Bal	Ann	Cal	PrG	Cha	StM	Ken	Que	Car	Tal	Dor	Wic	Som	Wor	Total
Red-winged Blackbird	729	331	63	347	1051	186	21	199	1205	684	17	403	299	17	1003	235	636	70	500	318	218	163	8695
Orchard Oriole	-	1	1	3	21	3	-	3	5	6	1	1	7	-	14	-	18	3	13	-	-	-	100
Baltimore Oriole	6	47	25	41	96	17	1	19	79	19	-	7	1	-	19	-	31	6	-	-	-	11	425
Rusty Blackbird	1	-	-	-	143	-	-	1	-	-	-	1	18	-	-	-	-	-	-	-	1	1	166
Boat-tailed Grackle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	14	178	216
Common Grackle	417	540	518	817	1482	319	55	339	1338	919	61	851	608	84	1158	300	1609	110	500	490	653	345	13513
Brown-headed Cowbird	253	247	44	107	184	115	2	34	221	270	15	85	44	-	37	1	144	20	51	91	18	157	2140
Scarlet Tanager	5	20	-	19	37	20	5	2	27	66	3	26	12	-	5	-	29	4	4	3	-	36	323
Summer Tanager	-	-	-	-	3	-	-	-	-	-	-	2	3	-	-	-	4	-	8	-	-	1	21
Cardinal	52	125	34	151	397	290	6	153	548	654	46	203	232	10	453	60	282	75	81	32	15	48	3947
Rose-breasted Grosbeak	2	12	1	4	16	8	-	4	7	11	1	2	1	-	2	-	5	7	-	-	-	1	84
Blue Grosbeak	-	-	-	-	4	1	-	-	1	4	-	1	2	-	8	-	15	2	5	-	-	1	44
Indigo Bunting	2	13	2	14	40	14	-	5	18	26	2	7	4	-	2	-	5	1	1	-	-	2	158
Evening Grosbeak	122	309	79	20	14	146	-	1	126	154	-	39	-	-	35	-	103	2	-	3	-	-	1153
Purple Finch	52	82	22	29	239	26	-	4	99	45	-	5	2	-	-	-	5	-	-	-	-	-	610
House Finch	-	-	-	-	1	-	-	3	21	-	-	2	-	-	4	-	-	-	-	-	-	3	34
Pine Siskin	10	13	-	-	-	6	-	1	3	16	-	7	-	-	-	-	-	-	-	-	-	-	56
American Goldfinch	122	907	72	206	1779	283	64	122	751	363	15	78	21	-	194	10	71	20	31	5	11	25	5150
Red Crossbill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	-	10
Rufous-sided Towhee	140	70	8	50	97	130	4	32	258	263	6	84	109	3	164	13	111	26	44	25	15	48	1700
Savannah Sparrow	2	-	-	2	6	1	-	-	14	2	3	2	3	-	8	-	2	1	4	-	1	9	60
Grasshopper Sparrow	1	-	-	2	-	10	-	4	18	8	2	10	-	-	2	1	5	2	1	-	-	-	66
Henslow's Sparrow	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3
Sharp-tailed Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	4
Seaside Sparrow	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	66	-	-	7	75
Vesper Sparrow	10	3	2	11	1	1	-	-	4	-	-	-	-	-	-	-	10	-	-	-	-	-	42
Slate-colored Junco	5	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	10
Chipping Sparrow	130	79	44	18	37	37	4	22	138	88	10	45	25	2	113	2	81	13	18	1	6	31	944
Field Sparrow	82	58	13	48	103	165	4	75	112	163	10	54	60	-	50	3	165	10	8	2	9	6	1200
White-crowned Sparrow	1	5	15	8	4	4	-	-	3	-	-	-	-	-	20	-	12	8	-	-	-	-	80
White-throated Sparrow	27	40	18	84	255	108	10	31	335	302	5	78	31	1	70	-	31	23	4	40	2	47	1542
Swamp Sparrow	32	2	1	-	7	4	1	1	10	20	-	16	-	-	-	-	1	-	1	-	1	1	98
Song Sparrow	108	118	16	48	164	130	5	81	249	115	16	61	59	1	62	7	17	5	19	7	23	12	1323
TOTAL SPECIES	130	122	83	118	151	122	60	116	156	161	66	137	127	46	138	62	123	110	155	81	87	152	243
TOTAL INDIVIDUALS	5337	2227		14825			388	16951		592		4733	9681			9050		4982	4726				141476
TOTAL PARTY-HOURS	92	77	20 $\frac{1}{2}$	52	168	81	3	61	217	159	6	91	48	3 $\frac{1}{2}$	98	13	80	11	19	11	23	42	1376

Charlotte Lanham, Bill Leeson, Bill Nemith, Nancy Nemith, Bill Noonan, Jim Paulus, Dorothea Malec, Bill Malec, Dr. Richard Johnson, Mr. & Mrs. William Rue, Carl Ferguson, Doris Ferguson, Ann Smith, Larna Dawson, Myrna Eiser, Eleanor Albright, Grace Stark, Hannah Lancaster, Jean Urban, Nan Putnam, Barbara Branum, Ken Hodgdon.

WASHINGTON COUNTY (Was). 8 observers. 7:30 a.m. to 6:00 p.m.
Daniel Boone, Don Cutchall, Francis Cutchall, LeRoy Beck, Genevieve Beck, Lois Downin, Dr. R. S. Stauffer, Alice Mallonee.

FREDERICK COUNTY (Fre). 21 observers. 5:00 a.m. to 8:00 p.m.
William N. Shirey, Mr. & Mrs. Howard M. Hodge, Mr. & Mrs. Allan N. Clayton, Mrs. Mary Motherway, Miss Sarah Quinn, Albert T. McManus, William P. Czajowski, Charles L. Mullican (compiler), Mrs. Linda Smith, Robert L. Smith, Jr., August E. Selckmann, Rick Warfield, Steven H. Selckmann, Paul M. McKenzie, Claudia P. Wilds, Mike Meredith, William Meredith, John Richards, Ruth Richards.

MONTGOMERY COUNTY (Mon). 43 observers. 5:30 a.m. to 8:45 p.m.
Dr. Thomas M. Valega, Rev. Fidelis Grabowski, Morrill Donald, W. W. Wendell, J. Wilkinson, John K. Vance, Vincent C. Jones, Joy Bowen, Mike Bowen, Donald Weber, David Mehlman, Robert Caswell, Ellen Caswell, George Whaley, Adrian Whaley, J. William Oberman, Ella Pfeiffer, Lester Holtschlag, Robert Pyle, Peter Pyle, Grace Sims, Betty Reidel, Delores Grant, Ann Mitchell, Don Widman, Harvey Mudd, Marion Mudd, Kevin Mullin, Dennis Cosgrove, Barry Cooper, Fred Evenden, Charles Cremeans, Frank Schaff, C. N. Mason, Frank Witebsky, T. L. Eliot, R. Warfield, D. Eberle, O. Fang, Paul Woodward, Joan Woodward, Nancy MacClintock, Lucy MacClintock, Carl Carlson (compiler).

HOWARD COUNTY (How). 15 observers. 5:00 a.m. to 5:30 p.m.
George Chase, Morris Collins, Al Geis, Susan Hayward, Thomas Hayward, Larry Hood, Rosamond Munro, Dorothy Rauth, Nan Rhinelander, Chandler Robbins, George Robbins, Jo Solem, Paul Wagner, Don Weber, Jay Sheppard.

CARROLL COUNTY (Crl). 2 observers. 9:45 a.m. to 12:45 p.m.
Dr. Elmer G. Worthley, Jean R. Worthley.

HARFORD & CECIL COUNTIES (Hec). 15 observers. 5:30 a.m. to 6:00 p.m.
William Braerman, Louise Gorsuch, Edgar E. Folk III (compiler), Helen Devore, Leland S. Devore, David J. Smith, Kim Spitler, Shirley Spitler, John Wortman, Mrs. Henry Roberts, Rodney B. Jones, Margaret Smithers, Elizabeth Smithers, C. Douglas Hackman, Linda B. Hackman.

BALTIMORE COUNTY (Bal). 70 observers. 12:01 a.m. to 10:00 p.m.
Burton Alexander, Tom Andres, David Belcher, Mrs. Seeber Bodine, Eleanor Brainard, William Brainard, Gladys Cole, Edith Conley, Joan Cook, Compton Crook, Dr. & Mrs. Walter Dandy, Jane Daniels, JoAnne Dintzis, Renee Dintzis, JoAnn Dreyer, Chuck Endres, Betty Fanshaw, Dr. Betty Fisher, Alice Friedel, Lansing Fulford, Janet Gailey, Janet Ganter, Shirley Geddes, Rose Gerringer, Marian Glass, Walter Greenhouse, Doug and Linda Hackman, Beth Hartline, David Holmes (compiler), Craig Jeschke,

Clark Jeschke, Dr. & Mrs. J.T.H. Johnson, Alice Kaestner, Greg Klein, Haven Kolb, Dick & Joni Krahe, Barbara Larabee, Ono Lescure, Mr. & Mrs. Robert Lyon, Margaret Markham, R. Taylor McLean, Stewart McLean, Mrs. Robert Moak, Mrs. John Mulholland, Marjorie Nelson, Liza Nelson, Rick Perlman, John Poteet, James Poultney, Phyllis Raviesies, Nancy Rowe, Doug Santoni, Joe Schreiber, Marge Shipley, Chris and Eddie Slaughter, Fred Spinning, Eileen Spring, Mrs. Leo Vollmer, Etta Wedge, Barbara Rothgaber and three unnamed students from Towson Sr. High School, Bob Hopkins.

ANNE ARUNDEL COUNTY (Ann). 46 observers. 4:15 a.m. to 8:00 p.m.
Anne Anderson, William Anderson, Steve Beale, Rena Bishop, Walter Borden, Charles Buchanan, Danny Bystrak (compiler), Paul Bystrak, Steve Bystrak, Chris Connell, Philip A. DuMont, Bob Dwight, Jane Dwight, John and Marion Eddy, Pat Flory, Kathy and Steve Funkhouser, Ellen Gizzarelli, Lynn Hanson, Sally Henderson, Mark Hoffman, Prof. and Mrs. David G. Howard, Marj and R.E.L. Johnson, Douglass and Emily Joyce, Paul Kalka, Patricia Lawrence, David Linehan, George and May Metcalf, Danny Meyers, Susan Parker, Mac Plant, Anne Smeisser, Phyllis Steen, Sarah Symington, John Symonds, Ben Tappan, Anthony White, Harold and Hal Wierenga, Edward Wilson, Vicki Zonck.

CALVERT COUNTY (Cal). 1 observer. 6:45 a.m. to 12:45 p.m.
John H. Fales.

PRINCE GEORGES COUNTY (PrG). 24 observers. 4:45 a.m. to 8:15 p.m.
R. Andrews, B. Bereskin, R. Bereskin, D. Henderson, J. Humphrey, P. Jung, K. Klimkiewicz, M. Koester, J. Longcore, S. Lyon, E. Martin, H. Meleney, B. Murphy, L. Murphy, W. O'Kelley, R. Paterson, C. Robbins, E. Robbins, L. Schroeder, M. Sorensen, B. Steger, S. Steger, L. Zeleny, M. Kleen (compiler).

CHARLES COUNTY (Cha). 8 observers. 5:30 a.m. to 9:00 p.m.
L. Teuber, G. Wilmot, Catherine Pinckard, Carroll Pinckard, Ed Schell, Fred Bruggraf, Karen Bruggraf, Don Bruggraf.

ST. MARYS COUNTY (StM). 4 observers. (no times given)
Dr. & Mrs. Ralph C. Baxter, Alan Freed, Pam Waldron.

KENT COUNTY (Ken). 34 observers. (no times given)
Roy Ruhnka, Louise Ruhnka, Jim Terry, Lil Terry, Joan McKenan, Lon McKenan, Kay McAlpin, Adelaide Willock, Tony Delario, Richard Cookerly, Gerry Gardner, Mickey Carroll, Lanny Parks, Pat Volker, Robin Newlin, Margery Plymire, James Newlin, Dorothy Mendinhall, Ed Mendinhall, James Gruber, John Hansen, Ted McSorley, Ed Kephart, Alvin Delario, George Damm, Elizabeth Crossley, Pat Wilson, Mary Belle Damm, John Wheatley, William H. Brown, Jr., R. Steiner, Floyd Parks (compiler), Elizabeth Hudson, Richard K. Dayton.

QUEEN ANNES COUNTY (Que). 2 observers. 7:45 a.m. to 8:55 p.m.
Shirley and Bob Mallalieu.

CAROLINE COUNTY (Car). 35 observers. 4:30 a.m. to 9:15 p.m.
Irene Bilbrough, Winifred Bright, Margarete Butenschoen, Ethel Engle,

Jeanette Eveland, A. J. Fletcher (compiler), Connie Fletcher, Helen Fletcher, Robert Fletcher, Roberta Fletcher, Inez Glime, Mr. & Mrs. Joe Glime, Mr. & Mrs. George Greenawald, Marvin Hewitt, Naomi Hewitt, Alicia Knotts, Roberta Leggett, Margaret Margrey, Kathleen McKee, Raymond McKee, Edward Moore, Aldridge Pepper, Essie Pepper, Ethel Poore, Mary Robbins, Tom Robbins, Carol Scudder, Joan Scudder, Mattie Smith, Ed Unger, Ida Unger, Steve Westre, David Wooters.

TALBOT COUNTY (Tal). 3 observers. 5:00 a.m. to 6:00 p.m.
Mrs. Henry T. Armistead, Jeff Effinger, Richard L. Kleen.

DORCHESTER COUNTY (Dor). 4 observers. 3:00 a.m. to 10:00 p.m.
Henry T. Armistead (compiler), Davis W. Finch, Sally Finch, Robert Smart.

WICOMICO COUNTY (Wic). 7 observers. 6:00 a.m. to 4:30 p.m.
Charles Vaughn, Henry Stone, Helen Ferrand, Joy Heaster, Elizabeth Reddin, Sam Cimino, Donald H. Messersmith and friends.

SOMERSET COUNTY (Som). 3 observers. 5:15 a.m. to early p.m.
Chris Oakman, Martha Simpkins, Vee Weggel.

WORCESTER COUNTY (Wor). 6 observers. 5:45 a.m. to 10:30 p.m.
Walter Bohanan, Peggy Bohanan, Richard A. Rowlett, David Lee, Z. Sykes, Barbara Rothgaber.

3033 Woodside Ave., Parkville 21234

HILL MYNA IN TALBOT COUNTY

Dickson J. Preston

Residents of the World Farm area near Oxford in Talbot County were treated to the sight of a most unusual starling during the fall and early winter of 1971. It was a Hill Myna (*Gracula religiosa*), a member of the starling family native to India and other parts of Southeast Asia.

The myna, undoubtedly an escapee, was a pigeon-sized glossy black bird with white on its wings, yellow wattles, a bright orange bill and yellow legs. It fed chiefly on dogwood berries and other fruits and became a regular feeder visitor at the homes of Mr. and Mrs. John N. Critchlow Jr., Dr. and Mrs. DeGraffe Woodman and others. It flocked with Starlings and evidently considered itself one of them, but its calls, ranging from hoarse chuckles to clear ringing whistles, were distinctive.

The Hill Myna is considered the world's most skillful bird at imitating human speech. It is said to be far superior to any parrot, parakeet or other species of myna in this regard. Observers speculated that the World Farm bird had been brought to this country as a pet, then had escaped or been turned loose.

R. D. 5, Box 607, Easton

A WINTER PECTORAL SANDPIPER IN MARYLAND

S. Harvey Mudd and Marion H. Mudd

On January 13, 1973 participants on the Audubon Naturalist Society field trip to St. Mary's County made what appears to be the first winter sighting of a Pectoral Sandpiper (*Erolia melanotos*) in Maryland. At approximately 10 a.m. we were in the parking area to the west of Rt. 249 just north of the causeway leading to St. George Island, watching the diving ducks scattered over the Potomac River and a few Killdeer feeding along a beach to the north. One of us (SHM) noticed a small-to-medium sized shorebird flying about 20 yards away, slightly below eye level, on a course roughly paralleling the shore. The lack of orange on the upper tail and lower back immediately indicated the bird was not a Killdeer. There was no prominent white wing stripe, nor was there any white on the center of the rump. After the bird landed near the feeding Killdeer, we approached to within 40 yards to view it through 20x telescopes with the light at our backs. The bird in question was now seen to be about one inch shorter than the Killdeer. The posture was upright. The bill was dark, but not jet black, and in length, about equal to the size of the head. The back was brown-gray, but not scaly. The upper breast was densely streaked and spotted half way from the chin to the legs. These markings ended in a very sharp cut-off on the white belly. The legs were a pale yellow-green. Identifying the bird as a Pectoral Sandpiper, we consulted Robbins and Van Velzen (1968), and found there had been no previous sighting for Maryland between November 19 and March 4. After a further check of the bird, all experienced observers including Harriet Gilbert, Ives Hannay and Leonard Teuber, still expressed agreement as to the identification.

A later check of field guides for North America (Robbins, et al., 1966; Peterson, 1947; Peterson, 1961) and Europe (Peterson, et al., 1966; Bruun and Singer, 1970; Heinzel, et al., 1972) did not reveal any species that is likely to have been mistaken for a Pectoral Sandpiper. The Sharptailed Sandpiper is said to resemble the Pectoral (Peterson, 1961; Robbins, et al., 1966) but this Siberian breeder occurs only irregularly along the West Coast, has never been recorded in Maryland, and can be ruled out because it has darker legs and in winter lacks the abrupt border between breast and underparts (Bruun and Singer, 1970).

Pectoral Sandpipers breed along the west coast of Hudson Bay, the Arctic Coast of northern Alaska and northeast Siberia, and south in Alaska to the north Yukon Delta. They winter in the southern portions of South America from Bolivia and Peru to central Patagonia and south-central Chile. They are, of course, fairly common in Maryland during both the spring and fall passages. To evaluate the status of this species during the winter in the continental United States, the Christmas Bird Counts, as recorded in *Audubon Field Notes*, were reviewed in detail for the past six-year period (Table 1). Pectoral Sandpipers were observed in 5 of these 6 years. A total of 12 sightings of at least 32 birds in 4 states were reported.

Table 1. Sightings of Pectoral Sandpipers on Christmas Counts

<u>Year</u>	<u>State</u>	<u>Count</u>	<u>Number</u>
1967	Florida	Sanibel and Captiva Islands	4
	Texas	La Sal Vieja	2
	California	Morro Bay	3
1969	Florida	Lower Keys	1
	California	Santa Barbara	*
	Texas	College Station	9
1970	Florida	Lakeland	1
	New York	Montauk	1
1971	Florida	St. Mark's	1
1972	Florida	Cocoa	1
	Florida	Gainesville	2
	Texas	College Station	9

* Seen in area, but not on count day; number not specified.

Further investigation of the listings of the highest counts of individuals on the Christmas Counts for the 20-year period, 1953-72, revealed that not a single Pectoral Sandpiper had been observed on North American Christmas Counts during 3 of those years. The maximum numbers seen on any single count were 30 at Galveston, Texas in 1964, followed by 6 at Phoenix, Arizona in 1969. Most sightings or highest counts occurred in Florida.

Sightings in the Northeast included a single bird at Montauk, N.Y. in 1970, 5 at Chincoteague, Va. in 1963, 2 at Glenolden, Pa. in 1953, and 1 at Jones Point in the District of Columbia during the count period in 1953. Additional sightings of numbers less than the highest counts would not have been uncovered by the search performed for the counts of 1952-66. However, over the 20 years from 1952-72 no Pectoral Sandpiper was reported on any Maryland Christmas Count. The bird we saw at St. George Island appeared to be in good health, feeding and flying actively, and there is little reason to think this unusual record for Maryland is a result of injury or illness. To our knowledge, further searches were not made subsequent to our sighting, so we do not know how long this Pectoral Sandpiper lingered in Maryland, three to four thousand miles north of most of the members of its species.

REFERENCES

Audubon Field Notes, 1953-73.

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Robbins, C.S., B. Bruun and H.S. Zim, *Birds of North America*, Golden Press, New York, 1966.

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THE SEASON

JANUARY, FEBRUARY, MARCH 1973

Chandler S. Robbins

This period was characterized by an almost complete absence of snow. Only the Lower Eastern Shore, Southern Maryland, and Garrett County had measurable snowfall in January, and most of this melted within one day. Parts of Garrett County had no more than a trace of snow on the ground at any time in the month, which is unprecedented for Maryland's icebox. February and March likewise were almost snowless, with most stations in the State reporting no more than a trace and with Oakland reporting an accumulation of over an inch on only 5 days in February and 4 days in March.

Average temperatures were near normal in January and 1° to 2° below normal in February. In March, however, the daily average was an extraordinary 5° above normal (9° above normal in Garrett County). The warmest days were in the period March 12-17, when the mercury reached the seventies for six consecutive days and peaked at 79° on the 15th at Savage River Dam in Garrett County.

The absence of snow, and the heat wave of mid-March, stimulated an early migration as shown by a preponderance of earlier-than-normal dates in Table 1. This table summarizes the observations of scores of MOS members; the principal contributors, by counties, are as follows: Garrett--Mrs. William Pope; Allegany--James Paulus, Dorothea Malec; Washington--Daniel Boone, Mrs. Lloyd Mallonee; Frederick--Dr. John W. Richards; Baltimore City and County--C. Douglas Hackman, C. Haven Kolb, Hervey Brackbill, Mrs. Robert E. Kaestner, Mr. and Mrs. Walter Bohanan, M. D. Nelson, Hervey Brackbill; Howard--Mrs. Harry Rauth, Mrs. Robert Solem, Mrs. G. C. Munro; Montgomery--Paul and Joan Woodward, Robert W. Warfield, Mr. and Mrs. M. B. Donnalld, John Norvell, Lucy and Nancy MacClintock, Dr. Robert L. Pyle, Herb Douglas; Prince Georges--Sam Lyon, Herb Douglas, Paul Bystrak, Chandler Robbins; Anne Arundel--Hal Wierenga, Mark Hoffman, Rena Bishop, Prof. Harold Wierenga, Prof. and Mrs. David Howard; Charles--George B. Wilmot, Mrs. S. D. Sorzano, Danny Bystrak; Calvert--John H. Fales; Kent--Edward Mendinhall (compiler); Caroline--Marvin W. Hewitt, Mr. and Mrs. A. J. Fletcher, Mrs. Wilber Engle, S. Westre, Mrs. Alicia Knotts; Talbot--Harry Armistead, Jan Reese, Don Meritt, Paul Bystrak; Dorchester--Harry Armistead, Paul Bystrak; and Somerset--Paul and Danny Bystrak, Mrs. Richard D. Cole, Jeff Effinger.

Table 1. Spring Arrival Dates, 1973

Species	Median					Garr	Alle	Wash	Fred	Balt	Hovd	Mont	Pr.G	Anne	Chas	Calv	Kent	Caro	Talb	Dorc	Somr
	1969	1970	1971	1972	1973																
Horned Grebe	3/31	3/28	3/30	3/12	3/30	3/14	3/30	0	0	4/1	0	4/14	3/12	4/7	3/15	W	0	3/10	W	W	W
Pied-billed Grebe	3/26	3/25	3/23	3/18	3/15	3/14	3/13	3/18	--	2/14	0	3/16	2/6	3/2	--	3/24	--	--	3/19	3/4	W
Great Blue Heron	4/4	3/18	3/8	3/30	3/8	1/25	3/15	--	--	3/27	3/14	2/10	2/20	2/25	W	4/2	W	--	3/8	W	W
Common Egret	5/3	3/31	--	--	3/31	3/30	4/12	4/27	0	0	0	0	0	3/31	0	0	--	3/23	4/3	--	3/31
Whistling Swan	3/16	3/12	3/9	3/16	3/14	0	4/4	3/24	0	3/9	3/14	3/10	3/14	3/13	3/14	3/15	W	3/18	3/8	W	W
Canada Goose	3/16	3/14	3/5	3/12	3/12	3/11	3/20	0	0	2/12	3/9	2/19	4/4	3/9	4/7	3/14	W	3/12	W	W	3/17
Pintail	--	3/16	3/8	--	3/6	4/15	0	0	0	--	0	2/8	3/13	3/9	W	0	W	2/9	W	W	3/3
Green-winged Teal	--	--	3/18	3/10	3/22	4/8	3/24	0	0	--	0	3/1	3/20	2/24	--	4/10	4/9	--	W	W	3/3
Blue-winged Teal	3/22	3/23	3/22	3/22	3/25	4/5	3/28	0	0	3/17	4/6	3/18	3/25	3/23	4/14	4/15	3/29	3/4	--	3/10	3/3
American Widgeon	--	--	3/23	3/10	3/12	4/5	2/28	0	0	--	0	2/8	3/12	3/12	W	4/10	W	3/18	W	W	W
Shoveler	--	--	--	--	3/22	4/9	0	0	0	0	0	4/5	2/23	0	--	0	3/25	0	3/18	3/11	0
Wood Duck	3/18	3/23	3/2	3/1	3/10	3/30	2/24	3/10	4/15	3/9	2/21	3/4	2/23	3/8	3/18	3/10	3/27	2/25	--	3/11	0
Redhead	--	--	--	--	3/15	3/15	3/15	0	0	--	0	3/10	0	3/18	--	2/13	W	0	4/25	W	0
Ring-necked Duck	--	3/23	3/14	3/2	3/18	3/8	3/9	0	4/15	--	2/3	2/8	3/18	3/18	3/24	0	4/9	--	W	0	0
Lesser Scaup	--	3/31	--	3/2	3/15	3/14	3/15	3/24	0	3/9	3/14	3/16	4/4	3/2	W	3/15	W	0	--	--	3/25
Bufflehead	--	3/28	3/27	3/12	2/25	3/14	1/31	3/24	0	W	0	2/8	4/5	W	W	1/28	W	0	--	--	--
Oldsquaw	--	--	--	--	3/17	4/8	3/30	0	0	3/8	0	0	0	3/17	0	2/13	--	0	--	--	--
Ruddy Duck	--	--	--	--	3/11	3/14	3/9	0	0	0	0	0	0	3/12	W	1/21	0	0	3/11	3/11	0
Hooded Merganser	--	3/10	--	3/8	--	3/23	0	3/10	0	0	2/10	--	2/24	0	0	0	0	0	0	--	0
Osprey	3/20	3/23	3/27	3/27	3/27	4/8	--	4/15	4/18	4/1	0	3/14	4/2	3/15	4/7	3/28	3/9	3/14	3/13	3/26	3/17
American Coot	--	--	--	3/18	3/19	3/23	3/19	0	0	3/17	0	3/4	3/23	3/18	W	3/21	3/25	--	W	3/11	W
Killdeer	--	3/5	3/6	2/28	2/26	--	2/25	3/3	--	2/7	2/13	1/10	2/28	W	2/18	3/12	3/30	--	3/8	W	W
American Woodcock	3/6	3/2	2/28	2/29	2/28	4/22	3/4	0	2/28	3/2	1/26	3/4	2/4	1/25	2/24	2/3	1/25	--	3/13	3/10	W
Common Snipe	--	--	3/7	3/16	3/8	0	3/6	W	--	--	2/20	3/6	0	3/17	--	3/18	--	3/3	3/17	3/10	W
Greater Yellowlegs	4/26	3/24	4/21	4/1	3/10	0	0	0	--	3/12	--	3/31	--	3/4	3/24	0	4/5	3/5	3/10	3/10	3/4
Lesser Yellowlegs	5/1	5/2	4/30	4/6	3/10	0	3/18	0	--	0	0	4/7	0	4/15	0	0	0	3/4	3/10	3/10	3/4
Ring-billed Gull	--	3/16	2/26	3/15	3/16	3/16	3/19	--	--	W	3/18	2/21	1/27	W	W	3/18	W	--	2/25	W	W
Belted Kingfisher	--	--	3/23	3/15	3/1	3/8	--	3/30	W	W	2/18	2/14	2/25	3/23	2/15	3/5	W	W	W	W	W
Yellow-shafted Flicker	3/28	--	3/24	3/7	3/8	--	3/9	3/10	W	3/18	3/3	3/1	3/17	2/27	W	3/3	3/26	W	3/8	3/11	3/3
Eastern Phoebe	3/19	3/23	3/19	3/15	3/15	4/1	2/24	3/18	3/18	3/16	3/14	3/4	2/25	3/20	3/14	3/13	3/30	3/11	3/12	--	--
Tree Swallow	3/29	3/28	4/3	3/31	4/2	3/29	0	4/2	0	4/1	0	3/31	3/2	3/30	4/7	4/2	4/6	4/4	4/6	3/10	3/25
Purple Martin	4/10	4/2	4/13	--	3/28	4/19	--	4/18	--	3/28	3/17	3/31	3/20	4/2	--	3/20	3/27	3/25	4/6	3/28	--
Fish Crow	--	--	3/5	3/14	3/16	0	0	--	W	W	3/24	3/27	2/1	3/10	--	2/26	--	3/30	3/22	W	2/4
Red-breasted Nuthatch	--	--	--	--	--	W	0	--	W	W	W	W	3/8	2/25	0	0	--	3/29	3/26	--	--
Brown Thrasher	4/8	4/15	4/15	4/8	4/1	4/16	4/18	4/19	4/17	4/7	3/25	4/5	3/28	3/29	3/22	4/1	4/7	3/31	3/25	3/26	W
Robin	3/3	2/23	2/11	2/29	2/12	--	1/23	2/18	1/22	2/7	2/18	2/5	2/16	2/7	2/18	2/5	W	--	2/18	2/18	W
Eastern Bluebird	--	2/22	2/25	3/5	2/25	3/11	1/23	W	--	3/11	2/26	2/11	2/4	2/25	W	2/4	--	--	--	3/10	W
Golden-crowned Kinglet	--	--	3/27	--	4/1	3/28	4/16	4/14	--	3/25	3/11	4/7	4/7	4/5	3/24	4/7	4/1	3/29	3/13	W	W
Cedar Waxwing	4/24	4/20	2/3	2/25	2/12	5/5	4/14	2/28	1/26	1/15	1/23	3/10	2/23	2/15	2/10	2/5	1/24	2/16	2/9	--	--
Pine Warbler	4/18	3/31	4/13	3/18	3/18	5/5	3/14	3/24	0	3/20	0	0	3/18	3/16	3/17	3/20	0	3/18	3/10	3/26	3/17
Red-winged Blackbird	--	2/22	2/21	2/27	2/16	1/8	1/23	2/20	--	W	2/13	2/19	2/25	2/25	W	1/28	W	--	W	W	W
Rusty Blackbird	--	--	3/8	3/5	3/7	3/11	1/23	3/24	0	3/1	3/5	3/9	2/24	3/31	0	1/29	W	0	3/10	W	0
Common Grackle	3/6	2/24	2/18	2/20	2/24	3/11	3/2	2/20	--	2/21	3/1	2/25	2/19	2/24	2/26	1/28	W	--	W	W	W
Brown-headed Cowbird	3/19	--	3/4	2/22	3/9	3/11	3/10	2/20	3/1	3/15	3/13	2/4	2/25	3/8	3/10	2/20	3/26	--	W	W	W
Evening Grosbeak	--	--	2/12	--	2/13	W	W	3/3	W	W	1/7	2/9	2/13	2/28	W	W	W	1/10	3/13	W	W
Purple Finch	--	--	2/18	--	3/3	0	0	3/24	2/17	W	2/15	W	2/10	W	3/10	2/24	4/1	3/30	W	W	W
House Finch	--	--	1/24	--	3/12	0	0	3/9	3/25	W	3/15	W	2/22	W	0	3/18	0	1/5	W	0	0
Pine Siskin	1/26	--	--	1/15	1/28	1/28	W	0	0	W	2/4	2/4	1/27	1/27	0	0	0	--	0	0	0
Rufous-sided Towhee	3/22	4/3	3/16	3/18	3/16	4/16	3/24	3/10	4/11	3/5	3/20	3/16	3/16	3/12	W	3/11	W	--	3/13	W	W
Savannah Sparrow	3/15	4/17	3/28	3/20	4/2	5/5	4/12	--	--	--	--	3/12	--	3/21	--	4/2	--	--	W	W	W
Vesper Sparrow	--	4/8	--	4/5	4/2	5/5	--	3/18	--	--	4/7	4/2	0	4/1	0	4/2	0	--	0	0	0
Chipping Sparrow	4/4	4/1	4/6	4/3	3/24	4/18	4/7	4/7	3/13	3/31	3/31	3/22	2/28	3/8	3/14	4/1	3/21	3/15	--	3/26	--
Fox Sparrow	3/8	3/7	2/21	3/4	2/27	3/19	2/27	3/3	3/8	2/26	2/25	2/26	2/26	2/26	3/14	--	--	2/27	W	3/10	W

June 1973

MARYLAND BIRDLIFE

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We especially welcome to our list of contributors Sam Lyon of the Clearwater Nature Center at Clinton and Dr. Wilmot and Mrs. Sorzano of Southern Maryland Audubon Society.

Grebes, Herons. Frances Pope reported that Horned and Pied-billed Grebes arrived on the Garrett County lakes as soon as the ice went out on Mar. 14. One wonders what a Great Blue Heron found to eat in Garrett County on Jan. 25 (Mrs. Pope). Out of season, but much more likely to survive, were a Little Blue Heron on Jan. 14 and a Green Heron on Feb. 3, both at Irish Grove Sanctuary in southern Somerset County (Paul and Linda Bystrak). A Common Egret at Denton on Mar. 23 (S. Westre) and another in Garrett County on Mar. 30 were exceptionally early for those Sections of the State.

Pelagic Birds. This was a fantastic season for pelagic birds off the Maryland coast. Since Richard Rowlett was the promoter and chief participant in the sea trips off Ocean City, the results will be reported separately under his authorship.

Swans and Geese. The highest Whistling Swan tally quite unexpectedly came from inland Caroline County, where 4,000 were estimated on Jan. 6 at Martinak by Westre. The spring exodus of swans from Maryland was spread through the mid-March warm spell rather than concentrated on any single day. Concentrations of 400 to 1,000 on both sides of the Bay on Mar. 12 disappeared during the next 2 or 3 days (Hal Wierenga and Mr. Trader). Small numbers of Mute Swans are now regular at Eastern Neck Refuge. Facing the possibility that the Canada Goose may be split into two separate species, more observers are now watching for pint-sized individuals. One such, appearing one-half to two-thirds the size of its comrades, was seen in flight at Seneca on Jan. 14 (Warfield). The Blue Goose staged a couple of "firsts": 4 found at Ridgely on Mar. 4 (Jerry and Roberta Fletcher) were new for the Caroline County list, and 1 on the Westinghouse Pond on Mar. 9 (Hal Wierenga) was an addition to the Sandy Point avifauna. A White-fronted Goose, always a rarity in Maryland, was found at Still Pond, Kent County, Mar. 15-17 (Penny Moffett).

Ducks. As many as 33 Gadwalls wintered on the Westinghouse Pond at Sandy Point (Hal Wierenga), a mighty high winter total for the Upper Bay. The prize for the coast was a flock of up to 4 Harlequin Ducks at Ocean City inlet from late December through Feb. 4 (Richard Rowlett, Mr. and Mrs. Harry Armistead, Claudia Wilds, Bob Pyle, Chuck Cremeans, et al.). No eiders were seen after December. Two Blue-winged Teal at Ridgely on Mar. 4 (Fletchers) broke the State arrival date. Early for Garrett County were Lesser Scaup, Bufflehead, and Ruddy Duck on Mar. 14 and Redhead on the 15th (Fran Pope).

Vultures and Hawks. Jim Paulus discovered a cold but healthy Turkey Vulture at Old Town on Jan. 9 when the temperature was only 8°. More extraordinary, but on a much warmer day, were 2 Black Vultures on Mar. 28 at McHenry--the first ever found in Garrett County (Fran Pope). The top Black Vulture count of the period was 14 birds at Blackwater Refuge on Mar. 26 (Armistead). A Goshawk was seen at Cranesville bog

in Garrett County on Feb. 11 (Rowlett). There was an immature Golden Eagle at Remington Farms in Kent County on Feb. 14 (Hal Wierenga). Although Blackwater Refuge did not play host to a Golden Eagle this winter, Bald Eagles were seen there in excellent numbers: at least 9 immatures and 6 adults on Feb. 10 (Armistead). An Osprey was spotted in Kent County on the record-breaking date of Mar. 9 (L. L. Thomas), and there were reports from five other counties during the mid-March heat wave (Table 1).

Shorebirds. Warfield noted an influx of Killdeer into Montgomery County starting on Jan. 10; within a day or so he found them at four localities where he had not seen them previously, and all remained for the rest of the winter. Earliest arrival dates for both species of Yellowlegs were broken in several Sections of Maryland. Greater Yellowlegs reached Sandy Pt. on Mar. 4 (Harold Wierenga) and Ridgely on Mar. 5 (Roberta Fletcher), and Lessers were encountered at Ridgely on Mar. 4 (Roberta and Jerry Fletcher), at Blackwater Refuge on Mar. 10 (Armistead and Jared W. Sparks), and amid blowing snow at Frazier Lake in Cumberland on Mar. 18 (Paulus). Both Greater Yellowlegs and Dunlins wintered in the Blackwater area, with an unparalleled total of 475 Dunlins on the Refuge on Feb. 24 (Armistead). Another high figure for Dorchester County was Armistead's 42 Sanderlings at Hills Point at low tide on the same day. An early flock of 5 Pectoral Sandpipers was discovered at Fulton in Howard County on Mar. 21 by Rena Bishop, Jo Solem, Pat Lawrence and Marion Eddy. And at Ocean City the first American Oystercatcher appeared on Mar. 25 (Mark Hoffman).

Gulls. Chestertown's glorious Glaucous Gull, first noted by Robin Newlin in February 1969 and featured in the June 1972 issue of *Maryland Birdlife* (28: 41-44), returned again to its familiar wintering ground at the Chester River bridge on Feb. 7, 1973 (Ruth Carroll). Five and a half weeks later, on Mar. 17, the spring migration of gulls had begun, as demonstrated by a flight of 150 Bonaparte's Gulls and a record-early Laughing Gull flying by Sandy Point State Park (Hal and Harold Wierenga). An immature Little Gull was at Ocean City inlet on Mar. 25 (Paul DuMont, Richard Rowlett and Hal Wierenga).

Doves, Owls. Mrs. David S. Hawkins saw a Ringed Turtle Dove copulating with a Mourning Dove at College Park on Mar. 30. Long-eared Owls were found wintering at Easton, Mar. 11 (fresh road kill, Armistead and Sparks), at North Laurel from Feb. 10 on (Jay Sheppard and many others), and at Sandy Point State Park where at least 3 were seen in a Red Pine grove on Jan. 25 and 1 through Apr. 15 (Hal Wierenga). Within a radius of about 100 yards Hal Wierenga found Long-eared, Saw-whet, Screech and Barn Owls at various times during the winter and early spring. Two Short-eared Owls seen in the late afternoon of Jan. 28 between Golts and Massey were unusual for Kent County (David Lee).

Crows, Creepers. A flock of 73 Fish Crows at Irish Grove Sanctuary on Feb. 4 (Danny, Steve, Paul and Linda Bystrak) and a migratory movement of 41 at Sandy Point on Mar. 29 (Hal Wierenga) are of interest. Without any large banding station in daily operation in spring it is difficult to detect the Brown Creeper migration. Doug Hackman observed

several creepers passing through Parkville in Baltimore County on Mar. 21, however, and an injured bird was picked up at the Charles Center in downtown Baltimore on Mar. 26 and reported to Mr. Hackman.

Mimids, Wrens and Shrikes. A Catbird was seen at Clarksville in Howard County on Feb. 19 (Al Geis, Nan Rhineland), one in the Piedmont west of Beltsville on Feb. 6 (C. S. Robbins), one wintered east of Laurel (Anne Richards), and another wintered successfully as far west as Hagerstown (Boone). A Brown Thrasher at Patuxent survived until Mar. 10 (fide William Stickel). Carolina Wrens have continued to benefit from the recent open winters, and their populations are still trending strongly upward as indicated by the Christmas Bird Counts, the Winter Bird Survey and the five Winter Bird Population Studies that have been conducted for two or more consecutive years. A real rarity for Montgomery County was an immature Northern Shrike seen at the Isaac Walton property on Feb. 4 by Bruce Newman.

Warblers. Winter warbler numbers were way down in the interior Sections of Maryland because of the relative scarcity of Poison Ivy berries, the staple food of inland-wintering Myrtles. The season was not without its rarities, however. A Yellow Warbler carefully studied at Edgewater in Anne Arundel County on Jan. 3-6 (John W. Taylor, Jr.) furnished the first winter record for the State; and an Ovenbird watched for 10 minutes on Feb. 26 at a distance of 20 feet in the Patuxent River floodplain in Anne Arundel County just north of US 50 (Hal Wierenga) was only the second of its species ever found wintering in Maryland. A wintering Pine Warbler at the Patuxent Wildlife Research Center on Jan. 21 (Elwood Martin) was unusual at that season, and there were early spring arrivals in several counties: Mar. 10 in Talbot (Meritt), Mar. 14 in Allegany (Paulus), and Mar. 16 in Anne Arundel.

Orioles. Baltimore Orioles were comparatively scarce in Maryland this winter, but a first year male regularly visited Herb Douglas' Oxon Hill feeder from Feb. 8 to Apr. 18. A female that appeared at Nancy Rowe's Glen Arm home on Mar. 26, on the other hand, should qualify as a record-early spring arrival in view of the weather patterns on the date, coupled with the unprecedented arrival of an adult male Orchard Oriole on the afternoon of Mar. 25 at Utica in Frederick County (Robert B. Alexander and others). An intense low pressure cell moved from Texas to Kentucky, Mar. 24-26, accompanied by 100-knot southwest winds aloft (18,000 feet). These orioles, which would normally be migrating along the Texas coast in late March, apparently were caught in the high winds above the heavy overcast and continued to fly northeastward until they found a break in the clouds over Maryland.

Finches and Sparrows. Most observers were treated with visitations from Evening Grosbeaks, Pine Siskins, Purple Finches and/or House Finches. Rowlett encountered a feeding flock of over 1,000 Pine Siskins in hemlock woods in Savage River State Forest, Garrett County, on Feb. 10; but elsewhere most flocks contained no more than a few dozen birds. A single Common Redpoll was seen at Plum Point in Calvert County on Jan. 16 (Fales). Small flocks of Pine Grosbeaks were seen on several January dates at

Monument Knob in Washington County (Bernard Halla), at Finzel and near Carey Run Sanctuary in Garrett County (Dr. A. D. Geis) and on Backbone Mountain (Dr. William Pope); on Feb. 10 Rowlett found a flock of 21 (11 adult males!) in pines and sumacs on the west slope of Big Savage Mountain south of Carey Run Sanctuary. Red Crossbills were found most frequently on the Lower Eastern Shore, with high tallies of 21 at Bellevue on Jan. 27 and 28 (Armisteads) and 37 at Irish Grove Sanctuary on Mar. 4 (Paul and Linda Bystrak). The only Dickcissel sighted was on Mar. 13 at Robert Warfield's home in Germantown. There were two February reports of Chipping Sparrows at places where they had no business being at that season: one was at Jay Sheppard's feeder at the Patuxent Wildlife Research Center near Laurel on Feb. 28, the other at Jim Paulus' feeder at Old Town on Feb. 21. A Swamp Sparrow at Cranesville bog survived the winter to at least Feb. 11 (Rowlett).

U. S. Bureau of Sport Fisheries and Wildlife, Laurel

MUTE SWAN AT PATAPSCO STATE PARK

John L. Krueger, Sr.

On February 17, 1971 at approximately 9:30 a.m., I received a call by mobile radio from Ranger Jim Preston that he had seen a swan on the Patapsco River above Blode's Dam. I drove to the area and there was a beautiful swan circling in the center of the river. I observed the bird with binoculars and saw an orange bill with a black knob. It couldn't be, but it certainly looked like a Mute Swan (*Cygnus olor*). I called Park Headquarters and informed them that I believed we had a Mute Swan visiting on the river and I would try to get a confirmation.

One hour later I was informed by Park Headquarters that there was a man who wanted to see me. Arriving at Headquarters I was greeted by the smiling face and firm handshake of Duke Hampe. With a sly smile Duke asked me if I knew what was on the river? With a returning smile I replied yes. Shortly we drove to a spot just west of the dam. We stood there about fifteen minutes admiring the beauty and grace of the bird. Duke said, "We have another one to add to our list*; in all my years of birding this is the first Mute Swan I've seen on the Patapsco River."

That evening Ranger Preston tried for an hour to get a picture of the swan from the Baltimore County side of the river. Just when he would get in good camera range the bird would move. Finally the mud, bushes and bird won and Jim had to give up.

February 21 was the last day we saw the swan. During its four-day stay the big white bird added beauty to our river and increased the enjoyment of the park visitors. Its departure was a disappointment to many.

Ranger II, Patapsco State Park, 123 Gun Road, Baltimore

*Birds of the Patapsco State Park by Irving Hampe and John Krueger (1971)

A CONCENTRATION OF WATERFOWL NEAR POOLESVILLE IN SPRING 1972

Paul W. Woodward

In early March 1972, I discovered a concentration of migrating waterfowl, mainly ducks, on a 3-acre farm pond (which I named Westerly Pond) near Poolesville, Montgomery County, Maryland. Although I had known of the pond's existence for some time, this was the first year I had visited it during spring migration. Once aware that ducks were using the pond as a resting and feeding area, I checked it regularly in March and April.

During this period, 14 species, mostly diving ducks, were recorded (Table 1). Most of the time the ducks were actively diving, and counting them was difficult; therefore the counts are not exact. Although the species seen are not unusual and the numbers recorded are not especially large, this pond is interesting because of the variety and the high density of ducks.

Table 1.--Birds Seen at Westerly Pond, Montgomery Co., Md., Mar.-Apr. 1972

Species	March												April				
	5	8	11	12	15	18	19	22	24	26	30	1	5	9	12	19	
Pied-billed Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Canada Goose	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	
Mallard	2	-	-	2	3	-	3	4	2	-	2	-	-	-	-	-	3
Black Duck	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	
Green-winged Teal	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
American Widgeon	-	-	2	9	14	-	6	-	-	-	-	-	-	-	-	-	
Redhead	-	-	6	6	5	2	8	4	5	5	-	-	-	-	-	-	
Ring-necked Duck	12	12	32	29	49	-	79	43	46	15	2	-	3	4	2	-	
Canvasback	4	10	19	43	19	2	19	7	2	-	-	-	-	-	-	-	
Lesser Scaup	-	-	-	-	-	-	12	13	16	9	-	-	-	-	-	-	
Common Goldeneye	15	8	12	14	9	16	8	-	1	-	-	-	-	-	-	-	
Bufflehead	5	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	
Hooded Merganser	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-
	38	-	73	-	100	-	135	-	72	-	6	-	3	-	5	-	
Total Birds		30		103		20		73		33		2		6		5	
Total Species	5	3	6	6	7	3	7	6	6	5	3	1	1	2	3	2	

It is uncertain that ducks will always concentrate on Westerly Pond during migration, but I think it would be worthwhile for Maryland birders to visit it in March and April. To reach the pond, drive south from Poolesville on Willard Road. Turn west (right) on Westerly Road, the first turn possible after Poolesville. Drive for 0.6 mile; Westerly Pond is on the north (right) side of the road. The ducks, if present, are easily seen from the road. Another very small pond is next to the road on the south, but I have seen ducks there only twice: Blue-winged Teals on 9 April (4) and 12 April (1).

2433 Southgate Square, Reston, Va.

MINUTES OF THE ANNUAL MEETING, MAY 12, 1973

The Annual Meeting of the Maryland Ornithological Society, Inc., was called to order at 7:30 p.m. by the President, Dr. Lawrence Zeleny, at the Hastings-Miramar Hotel, Ocean City, Md.

A quorum consists of 10% of the voting membership. There were 310 in attendance, which is 13.5% of all MOS members. Those Chapters with the greatest percentage of members present were: Caroline County, 31.2%; Harford, 26.9%; Anne Arundel, 26.0%; Washington, 25.9%; Patuxent, 21.7%.

Minutes of the May 13, 1972 Annual Meeting were approved as published in *Maryland Birdlife* (28:59-62).

Dr. Zeleny expressed the thanks and appreciation of the entire assemblage to the various people handling the many responsibilities which make the convention possible.

Mr. Stiles presented the treasurer's report. It together with the Audit Committee report will appear in *Maryland Birdlife*. Included in the report is the anonymous gift of \$1600.00 made one year ago, which was matched by \$1780.00 from the several Chapters. Other special contributions are noted in the report.

COMMITTEE REPORTS

Investment Committee: reported by Mr. Stiles, Treasurer.

Investments were made in the amount of \$24,500.00, divided between growth stocks and bonds. Refer to Treasurer's report for details.

Sanctuary Committee: reported by Mr. Unger, Chairman.

Detailed background information and Sanctuary activities are being published in recent and successive issues of *Maryland Birdlife* until all Sanctuaries are reported.

Irish Grove ---- recently hosted 70 school children plus 15 adults for study, fun, and learning. A workshop for teachers will be held there this summer.

Mill Creek ----- has been used and improved by various Boy Scout groups.

Caroline County- purchase of sanctuary property has not been entirely consummated. A survey is being made and when completed we will have a fourth M.O.S. Sanctuary.

Rock Run ----- we are trying to work out an agreement with the State which will be mutually advantageous to both.

Matching Fund -- we have been given an anonymous gift of \$2800.00, contingent upon its being matched by the M.O.S. membership.

M.O.S. Sanctuary Signs- over 350 land owners in Maryland have received and installed the signs on their property. The mailing to recipients also included a reprint of how to improve properties to enhance their value as sanctuaries. The April 1973 *National Wildlife* contains an article showing how a person

with a small lot can build it into a sanctuary. We are purchasing 500 reprints to send to property owners registered with M.O.S.

Carey Run ----- Allegany Chapter proposes that we consider the acquisition of more land near Carey Run, in order to enlarge our present sanctuary area - specifically, 110 acres adjacent, which is now available for \$40,000.00. Members were asked for reaction. Mr. Unger stated that financing such a purchase would present no problem. Recommendation: Mrs. Mendinhall recommended proceeding with the purchase.

Conservation Committee:

Tuckahoe Creek Dam project -- reported by Mrs. Percy Scudder.

M.O.S. has gone on record as opposing this two million dollar project, since the area to be flooded would include a white oak older than Wye Oak; and we also protest the high cost for a low quality lake.

Harbortown Development -- reported by Mrs. Ferrer.

This concerns a proposed development in Worcester County between Snow Hill and Newark; a \$40,000.00 per person development is proposed; this development would incur Chincoteague Bay pollution and definitely threaten marshes in the area. Stronger National and State land use bills are needed.

National Conservation issues -- were reported by Mrs. Robbins with a plea for the membership to take personal action and make their viewpoints known.

Publications: reported by Chandler Robbins.

We are out from under many of our problems in publishing *Maryland Birdlife*. The March issue has gone to press. Sincere appreciation was expressed to the people who have contributed to the magazine, and to the committee who puts the publication together.

UNFINISHED BUSINESS

Mr. Peters reported a contribution of \$125.00 to the Sanctuary Fund from the Washington Chapter.

Mr. Robbins re-emphasized that M.O.S. is the only organization in the State actively acquiring sanctuaries and it behooves the membership to actively get behind the effort.

Mr. Parks urged more concerted cooperation by communities and counties with the State efforts in developing local parks and sanctuary areas.

HELEN MILLER SCHOLARSHIPS: - presented by Dr. Zeleny.

From 13 applicants, 4 scholarships were awarded.

<u>Scholarship</u>	<u>Recipient</u>	<u>Chapter</u>	<u>Audubon Camp</u>
Helen Miller	Mrs. Janet A. Ganter	Baltimore	Maine
M.O.S.	Mr. Robert Chance	Harford	Wyoming
Amateur Gardener's Clubs	Ms. Andrea R. Bowden	Baltimore	Wyoming
Kent Chapter	Miss Janice Gruber	Kent	Maine

REVIEW OF SOCIETY AND CHAPTER ACCOMPLISHMENTS through the year:

reported by Dr. Zeleny.

Membership has increased to 2300 - a growth of 6.7% over last year.
Admittance of new Howard County Chapter into the organization.
Progress made toward purchase of new Sanctuary in Caroline County.
Montgomery Chapter completed the second year of the breeding bird atlas project and a similar project was initiated in Howard County.
Acquired a liability insurance policy up to 1 million dollars in event of personal injury resulting from an M.O.S. activity.
There are active youth programs in several chapters.
All chapters participated in the Christmas Bird Count and State-wide count in May.
Several chapters have active Audubon Lecture Series.
Kent County Juniors are preparing a manual of flora and fauna in the county.
Osprey Project conducted by Jan Reese in Talbot County.

Osprey Project, Talbot County -- reported in detail by Jan Reese.

Action: Mr. Preston moved that the convention go on record in expressing its support of Jan Reese' Osprey Project and to direct the trustees to continue to give whatever support and financial aid advisable in support of the project, thus helping him to continue with this effort. Mr. Hahn moved that a vote of thanks from the convention be included in the motion. Both motions seconded and enthusiastically approved.

Bluebird Project -- reported by Dr. Zeleny.

2400 requests were received for bluebird house plans and written instructions.
Wilderness Association was given permission to make 5000 reprints to answer requests.
National Campfire Girls are instituting a Nationwide Bluebird Project and have asked M.O.S. assistance.
Girl Scouts of Central Maryland made and contributed over 85 bluebird houses and developed bluebird trails in several of their camps.
Goddard Space Flight Center has a bluebird trail in Greenbelt.
It is estimated that at least 1200 young bluebirds were fledged last year as a result of the project.

NOMINATING COMMITTEE: Lt. Cmdr. Anthony White reporting.

President	Barclay E. Tucker	Harford Chapter
First Vice-President	Floyd Parks	Kent Chapter
Second Vice-President	Dickson Preston	Talbot Chapter
Treasurer	W. Gordon MacGregor	Baltimore Chapter
Secretary	Alta Gras	Anne Arundel Chapter

Motion was made, seconded and passed to accept the report and the secretary instructed to cast a unanimous ballot.

CHAPTER NOMINATIONS: Mrs. Gras reporting.

Allegany *Mr. James H. Thomas Mrs. Frances Pope

Anne Arundel	*Lt. Cmdr. Anthony White Mrs. Ellen Gizzarelli	Mrs. Helen Ford
Baltimore	*Dr. Roger Herriott Mrs. Lockhard Conley Mrs. Raymond Geddes Jr. Mr. C. Douglas Hackman Mrs. Martin G. Larrabee	Mrs. Edward Metcalf Dr. Benjamin Poscover Mr. John W. Poteet Jr. Mr. Chandler Robbins Mrs. Joshua Rowe
Caroline	*Mrs. Wilber Engle	Mrs. Percy Scudder
Frederick	*Mr. August Selckmann	Mr. Robert Alexander
Harford	*Col. Leland Devore Dr. Mildred Gebhard	Mr. John Wortman
Howard	*Mrs. Nancy Rhineland	Mr. John Healy
Kent	*Mr. Floyd Parks Mrs. Edward Mendinhall	Mrs. Margery Plymire
Montgomery	*Mr. Charles Cremeans Mr. Carl Carlson	Mr. Robert Hahn Dr. Thomas Valega
Patuxent	*Mrs. Joanne Solem Mr. Joseph Ondrejko	Mr. Elwood Fisher
Talbot	*Mrs. DeGraffe Woodman	Mr. and Mrs. Robert Price
Washington	*Mr. Edward Peters	Mrs. Mary Corderman
Wicomico	*Mrs. Charles Vaughn Mrs. Emily C. Morris	*Chapter Presidents

Motion was made, seconded and approved to accept the nominations, acceptance thereby constituting election.

The meeting was adjourned at 9:05 p.m.

Respectfully submitted,
Alta C. Gras, Secretary

REPORT OF THE AUDITING COMMITTEE

The Auditing Committee of the M.O.S. has examined their books and find them correct and in order.

(Signed) John Wanuga, Chairman
Ronald A. Nevius
Marvin W. Hewitt

May 6, 1973

ANNUAL REPORTS OF LOCAL CHAPTERS

ALLEGANY CHAPTER

Membership continued at a record level this year and the Chapter's vigor remained undiminished.

The regular meetings at the Board of Education building were so well attended that we had to move to a bigger room. If attendance gets any better, we'll be faced with the happy problem of seeking larger quarters.

The State Trustees meeting was held in October at the Carey Run Sanctuary; some of our ladies had the privilege of acting as hostesses and the pleasure of becoming acquainted with the fine people who represent the leadership of the M.O.S.

The Birdwatching Class of Allegany Community College's adult education program brought impetus to the Chapter. Many of our members joined the Class and many of the Class' members joined the Chapter. We and the local public profited from hearing the prominent guests who lectured to the Class.

The Junior Nature and Conservation Camp in August was again a success under the Directorship of John Willetts. Much credit is owed to the fine assistance of instructors Barbara Rothgaber and David Lee of the Baltimore Chapter.

Our Chapter was stimulated by the enthusiastic activity of the new bird banders like Smith, Harman, Malec, Willetts and Pope.

The home of Ken Hodgdon gradually became (not by design) a rescue center for injured and orphaned birds of the area. Many distressed birds found by friends and strangers received aid and refuge through Ken's concern and Evelyn's forbearance.

For officers in 1973-74, the Chapter elected: Hank Thomas, President; Bill Nemith, Vice-President; Elyse Harman, Secretary; and Charlotte Folk, Treasurer.

Dale Fuller, Vice-President

ANNE ARUNDEL CHAPTER

The Anne Arundel Chapter conducted a varied program of adult trips, lectures and youth trips during the 1972-73 season. Twenty adult field trips were scheduled including a weekend to Hawk Mountain, Pa. during the fall migration. One-day trips were made to Bombay Hook NWR, Blackwater NWR, Eastern Neck NWR, Remington Farms and Irish Grove Sanctuary. Half-day trips were made to such local county areas as Rolling Ridge Farm, Sandy Point State Park, Hancocks Resolution and Hillsmere Farm.

Trips were scheduled for the first time to the Myrtle Grove Wildlife area, Lilypons and New Design Road, and, over the Washington Birthday weekend to the Delmarva coast.

Chapter members participated in the Christmas and May bird counts. In both cases count days were notable for their bad weather. However, 47 birders sighted 88 species in the Annapolis area during the Christmas Count which was ably managed by Prof. Harold Wierenga and Mrs. Phyllis Steen. During the Spring count under the direction of Mr. Danny Bystrak and Mrs. Ellen Gizzarelli, 46 observers reported 161 species.

Mr. Bystrak held banding demonstrations at Col. Bodenstein's woods and Hancocks Resolution during the fall and spring migrations. Unfortunately vandalism at Hancocks Resolution has made it necessary to reduce our activities there.

Our lecture series included talks by such eminent area ornithologists as Chan Robbins on Spring Migration, Dr. Messersmith on Birding in Iceland and Jackson Abbott on The Eagles of Chesapeake Bay. Additional lectures were given by club members and local conservation organizations such as the Chesapeake Bay Foundation.

The youth program, under the leadership of Mr. Dick Heise, included 5 field trips, several of which were attended by county Girl Scout troops as well as our youth members; 24 Scouts from Maryland City joined our trip to Camp Letts Nature Trail.

1972-3 was a full and rewarding birding season for the Anne Arundel Chapter. Membership remained over 120 and, more important, attendance at lectures and field trips continued to increase.

Tony White, President

BALTIMORE CHAPTER
(Committee Chairmen in parentheses)

As of May 1, 1973, the membership totaled 897 including 113 Juniors, the highest on record. A new membership directory was issued.

Program (Mrs. Coy M. Glass): 47 field trips with 44 different leaders, a picnic supper, 5 meetings and social events, 4 lecture classes, and many unscheduled activities. A printed program booklet giving full details of scheduled events is on file with the State as well as with the Chapter.

Audubon Wildlife Film Lectures (H. Lansing Fulford): 4 programs with an average attendance of 500; proceeds benefit M.O.S. Sanctuary Fund, National Audubon Camp Scholarships and other Chapter projects. The programs are educational, entertaining, and socially rewarding for all age groups in our membership. They also have promotional value by introducing the M.O.S. to non-members.

Youth Activities (Mrs. N. K. Schaffer): 93 classes with 2,750 children on Cylburn tours led by M.O.S. members reported to date and these totals expected to exceed last year's total figures of 153 classes with 4,600 children. A change in curriculum in Baltimore County Schools eliminated the bird study unit in the fourth grade as in the past. However, teachers still teach about birds and they take advantage of the M.O.S. Cylburn trips. An M.O.S. workshop for school leaders was held at Cylburn using the resources of the Environmental Education Department of the National Park Service. Daily School Walks in October and November as well as from mid-March through May. Sixteen programs were conducted on alternate Saturdays during the school year and there were daily spring vacation walks with an estimated 1,200 to 1,500 children participating. The Junior Nature Club with 23 members met regularly on Saturdays and took three field trips. They also assisted in making several new exhibits for the Cylburn Museum banding demonstrations led by Janet Ganter involving Junior Nature Club members who met almost every Saturday.

Junior Nature Camp (Dr. Benjamin Poscover): Was held at Kings Landing (YMCA) Camp in Calvert County in June, 1972. Twenty-four (24) leaders instructed 65 youngsters in natural history and nature lore in an outdoor setting. The goal of giving young people opportunity to learn about nature (first hand) in the field under expert and enthusiastic leadership was fully realized.

Cylburn Representative (Mrs. Joseph E. Brumback, Jr.): Maintained a close working relationship with the Cylburn Wildflower Preserve and Garden Center. Approximately 1,000 lbs. of bird food used in the four feeders. Two scenic background paintings were done by Mrs. Bertram Gordon to add beauty and realism to the exhibits. Seasonal changes in the nature displays were again made this year.

Cylburn Market Day (Mrs. Frances Lang): The Annual M.O.S. Booth at Market Day was the most successful on record with more articles (greater diversity) on sale and much more money netted (over \$1,000).

Extension Service (Miss Grace M. Naumann): 16 bird talks by seven members of the Baltimore Chapter M.O.S. Some of our equipment was borrowed and used by adults for school programs. Again this year more requests were received than could be fulfilled. Some additional slides were purchased and others were received as gifts to expand the chapter's collection.

Conservation (Mrs. Paul Spadone): Regular conservation reports featuring State and National issues as part of the monthly Newsletter. Locally, attention was focused on the threats to Cylburn Park by the newly planned Coldspring Town. Participated in a number of local hearings on conservation matters. Our Chapter joined the Baltimore Environmental Center and the Maryland Conservation Council, thus broadening its support of conservation generally.

Seventh Annual Christmas and May Bird Counts (David W. Holmes): Christmas Bird Count was best on record with 72 people finding 81 species,

with a total of some 200,000 birds seen. Four new species were added to make the overall total 109 during the seven years the count has been organized. May Bird Count identified 155 species this year with roughly 70 people being involved. At least three new species added. Blue Jays were not migrating so total count was down to 16,951.

Book Store (Mrs. Phyllis Ravesies): Books, records, stationery, jewelry, etc., sold at all lectures and social events. Also at the Maryland State Convention in Ocean City. Over \$3,000 worth of business represented with profits going to the M.O.S. Sanctuary Fund. In March, the responsibility for the Book Store was taken over by Mr. John Cullom.

M.O.S. Sanctuaries (Rodney B. Jones): Served as a member of the Rock Run Sanctuary Committee and as a member of the M.O.S. Sanctuary Committee. There has been increased use of Rock Run Sanctuary with a corresponding decrease in vandalism. The bird banding program has been re-established. However, the future of Rock Run is still uncertain.

Bird Information Exchange (Mrs. Robert E. Kaestner): Received bird reports from members and reported same in the monthly Newsletters; also served as source of information on various public calls related to the identification of birds.

Chapter Information (Mrs. Raymond Geddes, Jr.): Telephone information service to members and the public regarding M.O.S. activities and ornithology in general. This year the M.O.S. was listed in the Metropolitan Telephone Book with a cross reference of Audubon Society and this has increased the number of inquiries.

Membership and Hospitality (Mrs. Nicholas Kay): Membership information and promotion at all events in addition to mailings and phone calls. Name tags and introductions at social functions to add to the fellowship. This year the chairman received and recorded the membership dues as Assistant to the Treasurer.

Publicity (Mrs. J. W. Rowe): Distribution of 4,000 folders and 3,200 flyers to publicize Audubon Wildlife Film Lectures - also articles in seven different organization publications reaching thousands of individuals; news releases to 13 different papers including announcements, reports and special features; TV and radio spot announcements and feature programs; window displays and displays at four fairs and one conference; telephone information, talks and correspondence.

Newsletter (Mrs. C. Lockard Conley): This is the most important means of communication among the membership. Mrs. Conley continued to serve as Managing Editor with assistance from Miss J. Catherine Bishop as typist and Mrs. Thomas G. Shipley as productionist and distributor.

The Baltimore Chapter continued to cooperate with the State organization which has its office at Cylburn. Mrs. Alger Zapf, Jr.,

a member of our Chapter continued to volunteer her services as Executive Secretary of M.O.S.

Thanks go to all those mentioned in this report and the many others who helped to make this year a rewarding one.

W. Gordon MacGregor, President

CAROLINE COUNTY BIRD CLUB

Regular monthly meetings were held by the Caroline County Chapter except for the months when the club participated in the Christmas and May bird counts and the Breeding Bird Survey. We are happy to report an increase in attendance at our meetings and also in our membership which now totals 32 enthusiastic members.

The speakers at our monthly meetings included five leading Maryland birders who presented programs relating to their fields of interest.

Paul Bystrak discussed and showed his color slides of native wild-flowers and birds.

Mr. Ed Unger presented a slide program "Antarctic Adventure" of his trip to our southernmost continent.

"Birding in Poland" was the topic chosen by Mr. Chandler Robbins, and Mr. Jan Reese reported on his Osprey studies in the Chesapeake Bay Area.

One of Maryland's leading bird banders, Mrs. Gladys Cole, spoke and showed slides on her banding activities.

Nature films were shown at two meetings.

Our annual picnic in June will bring a most successful year to an end.

Ethel Engle, President

FREDERICK CHAPTER

The 1972-73 season found increased activity among the local citizenry in regard to awareness of bird life, and general interest in outdoor activity. Our current membership stands at 76.

The September meeting included a poetic music - slide presentation by Mr. Richard Stambaugh, entitled "Water is Life." The meeting was well attended, and the presentation was very good.

In October, films borrowed from Enoch Pratt Library were shown. They were "Water Birds" and "Cultivate Your Garden Birds."

The November meeting proved to be a treat, as the presentation involved the efforts of two young local amateur photographers, Rick Warfield and Augie Selckmann Jr. The slides of wild birds and scenery included the nest of the Black Vulture, a Green Heron hunting series, a young Accipiter hawk in the nest (European) and scenes from the Calvert Cliffs. The meeting was well attended.

The Annual Christmas Dinner Meeting was held in the Community Hall at Jefferson on December 7. Our guest speaker was Mr. Ed Unger who gave his talk on "Penguins." The slides and descriptive narrative helped provide atmosphere and Yuletide spirit for the Christmas season. Mrs. Unger was a most welcome guest at this affair.

The January meeting scheduled Mr. Ken Willets who enlightened the members with the economic aspects of forest management.

The frosty month of February scheduled a well prepared lecture by Mr. Jerry D. Hardy entitled "Adventures in the Antilles." The lecture included an account of the trips, photographs of specimens in natural habitat, recording of amphibians, sonograms as aid in taxonomy, and blood analysis as a determining factor in species identifications. This lecture had lots of appeal to both scientist and laymen alike. It was one of our more outstanding lectures.

March saw another popular talk by Mr. Robert Hoffman whose photography of animals of the Everglades showed some macro-photography of insects, as well as shots of an eagle nest, and a Roseate Spoonbill.

In April Dr. Phyllida Willis presented an analysis entitled "The Chemical Aspects of Environmental Pollution" with particular emphasis on the use of insecticides.

In May Mr. William Corliss presented a talk on "Warblers" with consideration of the varied names with which these small birds are known to people around the country, and how these names have changed through the years.

A Sunday afternoon picnic and field trip are scheduled for the month of June at the Dargen Bend Recreation Area.

Field trips were made on Saturday morning and one Sunday afternoon during most months of the year, with good attendance. The club also participated in the Annual Christmas and Spring Bird Counts.

August E. Selckmann, President

HARFORD COUNTY CHAPTER

A successful and interesting year has been enjoyed by Harford County Chapter. During the year our membership has grown to 116. Meetings have been well attended and a considerable increase in the numbers turning out for field trips has been noted.

The season started with a picnic meeting at Rock Run Sanctuary on Sept. 16. Members reported on their summer birding activities. Program Chairman, Mr. David Smith, outlined his plans for the meetings ahead and Mr. John Wortman spoke about his field trip schedule.

Our regular meetings continue to be held at the Churchville Presbyterian Church in Nov., Jan., Mar. and May, starting with dinner after which an informal reporting of birds seen is given by members attending. A business meeting follows and then the program.

Programs for the year began with the interesting film "So Little Time" featuring Roger Tory Peterson and dealing with wildlife already extinct and those now on the endangered list. At the January meeting the speaker was Dr. F. Prescott Ward who gave a slide illustrated lecture on "Peregrine Falcons and Pesticides." He pointed out the effect of the hard pesticides on the decreasing thickness of the egg shells and consequent reduction in number of young hatched. Dr. Ward carries out a program of falcon observations at Assateague Island and indicated that he felt the alarming reduction in the number observed last fall was due to a combination of the effect of pesticides and the fact that adverse weather conditions had resulted in a poor year for all birds, including the Peregrine Falcons who nest in the east Arctic.

The meeting in March was of a very different character. The speaker was Mr. John H. Fetting of the Fetting Jewelry Company in Baltimore who spoke and showed a film on the life of Edward Marshall Boehm, world famous sculptor, well known for his excellent and life-like porcelain figures of birds and flowers.

Our final meeting in May dealt with a part of our own local area. Mr. Ellis Porter, in charge of wildlife management at Aberdeen Proving Ground, was the speaker. The Proving Ground with its large areas of woodland, tidal marshland and water areas provides exceptional habitat for wildlife. Mr. Porter had many fine slides of remote areas where wildlife include deer, woodchuck, beaver and a great variety of song-birds, shore and waterbirds.

Field trips for the year were scheduled for Brigantine Wildlife Refuge, Remington Farms and Eastern Neck, Perry Point, Bombay Hook, Rock Run Sanctuary and Elk Neck State Park. Other activities of our chapter center around Rock Run Sanctuary. We provide seeds and suet for the feeders and volunteers keep the feeders filled. Three members are participating in the bird banding program there, learning the necessary skill and knowledge of bird identification under the direction of Mrs. Ganter and Mrs. Glass of the Baltimore Chapter. The future of Rock Run has been of great interest and concern to our chapter and we sincerely hope that it will remain a part of the sanctuary system.

The chapter established a memorial to Mrs. Grace H. Wright, a past-president and founder of the chapter, who died during the year.

The officers for the 1973-74 season, elected in March were: President, Col. Leland Davore; Vice President, Dr. Edgar Folk; Treasurer, Mr. George Drumm; Recording Secretary, Miss Barbara Bilsborough; Corresponding Secretaries, Mrs. Violet Leatherman and Mrs. John Carver.

We look forward to another successful year starting in September.

Barbara C. Bilsborough, Recording Secretary

HOWARD COUNTY CHAPTER

Our opening meeting with Chan Robbins' informative slide lecture on Howard County Birds was the first in a series of interesting and colorful programs. We have been to Greenland and Iceland with Dr. Donald Messersmith, out gathering nests with Jerry Longcore, to the Yucatan with Erv Klaas, and to Africa with David Holmes.

A number of field trips were taken in all kinds of weather: two local walks, a bird feeder trip, visits to Blackwater National Wildlife Refuge, Bombay Hook National WL Refuge, Chincoteague and Assateague, Sandy Point and Kent Island, a wild Turkey walk at Sycamore Landing Turf Farm, Patapsco State Park, Sugarloaf Mt. and New Design Rd. and Longwood Gardens, Pa. A picnic and evening Woodcock walk will be held Mother's Day.

Members have taken part in both the Annual Christmas and May Counts, and are presently hard at work tracking down nesting birds for the Howard County Breeding Bird Atlas Project.

We have held photography workshops, and in conjunction with the Patuxent Chapter we are participating in identification workshops to sharpen skills needed for the Breeding Bird Survey.

My thanks go to the officers and hardworking committee members, speakers, and especially field trip leaders for enabling us to start this chapter and this half year so successfully.

Nancy C. Rhinelander, President

KENT COUNTY CHAPTER

Our Chapter activities in the 1972-73 year were many and engrossing. The Chapter carried on its usual functions along with its regular meetings. These included sponsoring five Audubon film-lecture evenings open to the community as a whole, our Christmas Count, Speakers or Programs at each meeting, our May County-wide Count, as well as our Junior Program, Breeding Bird Surveys, Damsite Banding Station Operation and Mr. Edward Mendinhall's compilation of the County arrival-departure dates. Each activity was carried on with much hard work by those who volunteered to assist. Special thanks must be given to Harrell Rusk for administering the Audubon Lectures for us, to Dorothy Mendinhall for her leadership in the Damsite Banding Station Operations, to Gerry Gardner and Marjorie Plymire for their work in the Breeding Bird Surveys and to all

those dedicated members and visitors who found time in these busy days to pitch in and help them.

Our fine group of Juniors were and are active as usual under the guidance of their advisor, Dorothy Mendinhall, and their leaders, Ruth Carrol and Margery Plymire. They met regularly, helped immeasurably with our two counts, took numerous field trips to nearby sanctuaries and preserves and have now embarked upon a project to publish a manual of Kent County flora and also fauna. This booklet, when completed, promises to be of great benefit, both to local residents and our many visitors. The Juniors are now busily gathering material as the seasons change. Their enthusiasm sets a splendid example for us all.

On the "new this year" side of the ledger, the Chapter has voted to sponsor an Audubon Camp scholarship each year and has given the first grant to Janice Gruber of Chestertown who will attend the Maine Camp this summer. It is hoped that this scholarship will provide our area with a growing number of highly experienced and capable birders and teachers as the years progress. Also, through the efforts of Pat Wilson, a local scouting group has completed the installation of a bluebird nesting box trail on Stillpond Neck. Other bluebird boxes are being set out throughout the County in an attempt to re-establish a significant bluebird population here. We are hoping these efforts will bear fruit.

As for rare birds seen this year, our Glaucous Gull, George, was back again at Chestertown for his fourth year. He is a majestic fellow as he soars in his whiteness over the U.S. Route 213 bridge. Also, Penny Moffett, one of our most active Juniors, spotted and photographed a pair of White-fronted Geese on her father's farm west of Chestertown. They flocked with some Canada Geese and remained for many days around a small farm pond.

In summing up, the Kent County Chapter is working throughout the seasons to make it possible for both members and the community to enjoy and learn from the study of our birdlife. I wish to thank the many members of the State organization who helped us during the year and I look forward to the new and promising year to come.

Floyd L. Parks, President

MONTGOMERY COUNTY CHAPTER

1972-73 has been another exciting and rewarding year for Montgomery County Birders. Our chapter's strong suit, the outstandingly proficient and energetic birders that keep the rest of us going by example and readiness to lend a hand, keeps on getting stronger. This was a year for the unusual in bird sightings, topped off by two Maryland records by chapter birders.

Our field trips were varied, as usual, ranging from warbler-watching in the perfect habitat along the C & O Canal to a rugged February trip

along the New Jersey coast--chill factor -27° , a Barrow's Goldeneye, and a European Widgeon.

Meetings continue to pull the members in to find out what's being seen around the Potomac area, to learn what is going on of interest in the conservation field, and to listen to talks that include such choice items as Chan Robbins on Hawks and Carl Carlson on his adventures in the High Arctic. (We try to be broad-minded, but we are constantly pleased at how many of our best programs are given by chapter members.)

We are proud of the success of the Breeding Bird Atlas of Montgomery County which Kathy Klimkiewicz, with the generous help of many members, has conducted for the past two years. (See Kathy's article on the project in the December 1972 issue of *Maryland Birdlife*, Vol. 28, No. 4.) The project has been extended to cover this year's breeding season. It is now being copied in Michigan and Massachusetts.

At our April meeting the chapter was host to Mrs. Minier Hostetler who has given a beautiful property near Potomac, Md. to the Maryland National Capital Park and Planning Association to be developed and used as a nature study center. She has designated Hood College and the MOS as the other trustees. MOS President, Dr. Lawrence Zeleny, was present to join us in expressing our appreciation to Mrs. Hostetler.

An innovation this year which has been much appreciated by all is a monthly newsletter prepared by Carl Carlson, who has retired into a whirlwind of activity. The newsletter keeps us informed of chapter activities and others of interest to birders and includes Carl's invaluable notes on "Birding the Season."

Charles D. Cremeans, President

PATUXENT BIRD CLUB

Chapter activities centered around the eight illustrated programs featuring a guest speaker who discussed various aspects of ornithology or natural history.

Dr. Erv Klaas took us south on a tour of the Yucatan Peninsula to see "Milpas, Motmots and Mayas" and to enlighten us on the interesting architecture of the Mayas. Our next speaker, Mr. Wayne Boden, took us north to Alaska to show us "Alaskan Canoe Trails" and the work of the Bureau of Land Management in establishing these recreational trails. At the next meeting Dr. Harry Ohlendorf gave us a lesson in ecology by depicting the food, spatial and territorial relationships of "Certain Flycatchers of Texas." Dr. Ohlendorf even kept the herpetologists happy with some excellent snake slides. It seems we kept going from south to north as our next guest, Mr. Carl Carlson of the Montgomery Chapter, entertained our club with a most informative talk on the "High Arctic," including birds, plants, and geology, among other things. We finally headed west as Bill Clark presented "Western Hawks" in many excellent slides. On short notice to fill a last minute cancellation,

Mr. Earl Baysinger gave a most complete presentation on the USDI's Rare and Endangered Species Program after showing a film.

With the April flowers in bloom and mourning doves, hawks, owls, and many other species already nesting, Mr. Jerry Longcore presented slides of many species of bird's nests and eggs with tips on how to find them. To close out the lecture part of club's program Mr. Chandler Robbins gave us a European tour of the colorful array of the "Summer Birds of Poland."

Club interest seems to be on the upswing. Last year we had an occasional meeting with 65 to 70 members present, this year we have averaged nearly 68 members per meeting.

The usual field trips were conducted to nearby areas, including Sandy Point, Bombay Hook, Delaware, along Patuxent River at Ft. Meade and of course the winter feeder trip. In addition, Rich Rowlett organized a winter Ocean City Pelagic seabird trip that was a real first.

Chapter members, particularly Dr. Zeleny, maintained an active interest in the MOS Bluebird Project.

Both the State-wide Christmas Count and the May Count were participated in by Chapter members along with assisting on the Montgomery County Atlas project.

Throughout the year, Mrs. Eleanor Robbins has written a weekly newspaper column concerning the Chapter's activities or to draw attention to pressing conservation issues. To close out the year, Chapter members gathered at Rocky Gorge for the annual picnic.

Jerry Longcore, President

TALBOT COUNTY CHAPTER

The Talbot County Bird Club had a very successful year in all aspects due to increased efforts on the part of many members and the cooperation of many willing workers. We increased our membership by about thirty in the Bird Club and by about seventy-five for the Audubon Wildlife Films.

There were seven regular monthly meetings at which we had interesting speakers or films such as "Bobwhite Through the Year." Attendance was excellent except for the one night when there was a conflicting concert in a neighboring town.

There were five Audubon Wildlife films with the best attendance we have had in years and many signed up for the 1973-1974 season at our last program.

We were fortunate to have a troop of Boy Scouts do some work at Mill Creek Sanctuary--repairing a bridge or two, putting up signs,

removing trash along the road, etc., etc. We are hoping they will do it again.

There was the usual Christmas count at which time we had people birding in various parts of the county--with a get-together in the evening and 101 species were sighted.

There were ten breakfast hikes--again with a better attendance than in some time.

We are planning a day at Chincoteague on May 20.

Erica Woodman, President

WASHINGTON COUNTY CHAPTER

It has been an interesting and active year for the Washington County Chapter. Our membership is static with some eighty members, both adult and juniors. We have averaged two field trips a month and are publishing a monthly newsletter.

One of the highlights of the year of which we are very proud was receiving the Educational Exhibit Award at the District 5 meeting of the Federated Garden Clubs of Maryland for a display erected by our members covering all facets of birding. We also exhibited a similar display in the lobby of a local utility office building.

During the past year we experienced a variety of interesting programs covering the following subjects: Purple Martins; Banding Hawks; Birding in Poland; Wonderous Wood Duck and Birds of Prey; Members Own Slide Program; Hummingbirds; Origin, Evolution and Structure of Birds; and World Nature Tours.

Among our more interesting field trips were the ones to Blackwater Wildlife Refuge, Lilypons, and a wildflower walk to Knotts Island.

We are maintaining several bluebird trails in Washington and adjoining counties.

At the March 27 meeting, the following slate of officers was elected: President, Ed Peters; Vice President, Bob Keedy; Corresponding Secretary, Genevieve Beck; Recording Secretary, Lois Downin; Treasurer, Paul Guptill; Trustee, Mary Corderman; and Frances Cutchall was appointed Program Chairman.

H. Edward Peters, President

WICOMICO CHAPTER

As of May 1st, membership in the local chapter was 69--a drop of 6 from last year. Generally the monthly meetings were well attended

with 15 to 30 members present. However, the monthly field trips averaged only about 5 people each.

Regular meeting features included Chan Robbins discussing birds as environmental indicators; Gladys Cole discussing banding; Ed Unger showing slides of his Antarctic vacation; Chas. Vaughn showing birds on stamps; and Robert French demonstrating the making of bird relief plaques.

As predicted last year the profit from this year's Atlantic Flyway Waterfowl and Bird Carving Exhibit which is held in Salisbury in October, showed a good increase over last year. The profits were about \$250 as against \$150 last year. Once again the potential for even better showing is there. However the local club cannot invest in items more costly than cards, placemats, letter paper, etc. Since we look at the profits as benefiting M.O.S. in general it would be advantageous to M.O.S. if the other chapters would participate--at least to the extent of using our booth as an outlet for their own merchandise.

Several club members built a large redwood picnic table and several benches for use at Irish Grove. Materials were purchased with a portion of the show profits.

This year 14 members participated in the Salisbury Christmas count. However the May count was poorly represented with only 7 taking part.

Henry B. Stone, President

CHAPTER PRESIDENTS, 1973-74

Allegany:	Mr. James H. Thomas, 17 Ramblewood Drive, LaVale	722-3937
Anne Arundel:	Lt. Cdr. Anthony White, Rt. 1, Box 441, Deale	261-5035
Baltimore:	Dr. Roger M. Herriott, 504 Highland Ave., Balto	21204 823-7033
Caroline:	Mrs. Wilber Engle, R.D. 1, Box 80, Preston	21655 673-7612
Frederick:	Mr. August Selckmann, Rt. 2, Frederick	21701 874-2515
Harford:	Col. Leland Devore, R.D. 1, Port Deposit	21904 378-3473
Howard:	Mrs. Nancy Rhineland, Folly Quarter Rd., Glenelg	286-2427
Kent:	Mr. Floyd Parks, 129 Washington Ave., Chestertown	778-2112
Montgomery:	Mr. Charles Cremeans, 9101 Southwick St., Fairfax, Va.	280-5828
Patuxent:	Mrs. Joanne Solem, 10617 Grae Loch Rd., Laurel	20810 725-5037
Talbot:	Mrs. DeGraffe Woodman, R.D. 1, Oxford	21654 226-5295
Washington:	Mr. Edward Peters, 107 Williams Circle, Williamspt	223-9327
Wicomico:	Mrs. Charles Vaughn, 1306 Frederick Ave., Salisbury	742-7221

COMMITTEE APPOINTMENTS*

Budget Committee: Edwin T. McKnight (Chairman), Elwood L. Fisher, Charles N. Mason, W. Gordon MacGregor, H. Edmund Stiles.

Bluebird Project: Dr. Lawrence Zeleny.

By-Laws: A. McDonogh Plant (Chairman), Mrs. Nancy Rowe, John C. Ford.

Conservation: Lt. Col. William G. Bodenstein (Chairman), Mrs. E. Hartline.

Investment: Elting Arnold (Chairman), R. Taylor McLean, Gordon MacGregor.

Nominating: Dr. Lawrence Zeleny (Chairman), Mrs. Shirley Geddes, Robert Hahn, Charles Mason, John Poteet.

*Complete list of committees will appear in the next issue.

ANNUAL REPORT OF THE TREASURER

MARYLAND ORNITHOLOGICAL SOCIETY, INC.

Fiscal Year Ending April 30, 1973

OPERATING FUND

Fund Balance April 30, 1972 \$ 4,956.97

Receipts:

Dues	\$5,290.50	
Convention Income	872.03	
Sale of Publications	45.00	
Amateur Gardeners Club for Scholarship (2 years)	400.00*	
Sale of Furniture at Rock Run	375.00	
Assistance on Bulk Mailing from Baltimore Chapter	15.00	
Donations for Operating Expenses	37.00	
Interest Earned	424.77	
Transferred from Sanc. F. for Life Members	150.00	
	<u>\$7,609.30</u>	<u>7,609.30</u>
		<u>\$12,566.27</u>

Expenditures:

Maryland Birdlife

Printing	\$2,063.00	
Postage	180.00	
Typing	42.00	
Address Masters	36.00	
	<u>\$2,321.00</u>	<u>\$2,321.00</u>

Convention Expenses	808.97**	
Amateur Gardeners Club Scholarship	0 *	
Audubon Affiliation	25.00	
Osprey Fund Disbursements	531.98	
Educational Projects	136.00	
Reprints from <i>National Wildlife</i>	155.04	
Miscellaneous	4.97	
Office & Administrative Expenses		
Presidents Expenses	\$112.75	
Executive Sec. Expenses	100.00	
Stationery & Misc. Printg	160.24	
Miscellaneous	75.53	
	<u>\$448.52</u>	<u>448.52</u>
		<u>\$4,431.48</u>

Fund Balance April 30, 1973 \$8,134.79

HELEN MILLER SCHOLARSHIP ENDOWMENT FUND

Fund Balance April 30, 1972 \$2,916.63

Receipts:

Contributions Received	\$150.00	
Interest Earned	160.42	
	<u>\$310.42</u>	<u>310.42</u>
		<u>\$3,227.05</u>

Expenditures:

Fund Balance April 30, 1973 \$3,227.05

*The Amateur Gardeners Club Scholarship donations were received May 1972 & April 1973.

The 1972 Award was made in April 1972 and the 1973 Award was not made until May 1973.

**Includes \$100.00 deposit on boat for 1973 convention.

SANCTUARY FUND

Fund Balance April 30, 1972 \$42,050.96

Receipts:

Contributions Received	\$ 5,089.31***	
Interest Earned	2,293.02	
Life Memberships	200.00	
Sanctuary Registration Program	782.05	
Profit from MOS Bookstore	1,000.00	
	<u>\$ 9,364.38</u>	<u>9,364.38</u>
		<u>\$51,415.34</u>

Expenditures:

Sanctuary maintenance, fuel & supplies	\$ 1,168.93	
Insurance, Taxes & rents, all properties	465.95	
Sanctuary Registration Program	280.10	
Transferred to Operating F. for Life Members	150.00	
Donation to Fire Dept., Somerset Co.	25.00	
Advance Payment for Caroline Co. Property	1,000.00	
Sanctuary Endowment Fund		
T. Rowe Price Gr. St. Fund	\$9,500.00	
Gen. Tel. Co. Southeast Bond	5,129.92	
Niagara Mohawk Power Bond	4,983.15	
Pooled Savings Acct.	<u>4,886.93</u>	
	<u>24,500.00</u>	
	<u>\$27,589.98</u>	<u>\$27,589.98</u>

Fund Balance April 30, 1973 (available for purchase of Sanc.) \$23,825.36Reconciliation of Accounts and Assets on Hand at Year-end

Fund Balances:

Operating Fund	\$ 8,134.79	
Helen Miller Endowment Fund	3,223.05	
Sanctuary Fund	23,825.36	
Sanctuary Endowment Fund	<u>24,500.00</u>	
	<u>\$59,687.20</u>	<u>\$59,687.20</u>

Fund Assets:

Checking Acct., Citizens Nat. Bank of Laurel Md.	\$ 1,416.62	
Premium Passbook Time Deposit, Md. Nat. Bank	12,495.68	
Savings Acct. First Federal S.&L. Assn. of Wash.	7,882.78	
Savings Acct., Loyola Federal S. & L. Assn.	18,279.05	
T. Rowe Price Growth Stock Fund Inc.	9,500.00	
General Telephone Co. South East Bond (7.75%)	5,129.92	
Niagara Mohawk Power Bond (7.375%)	<u>4,983.15</u>	
	<u>\$59,687.20</u>	<u>\$59,687.20</u>

SANCTUARY INVESTMENT

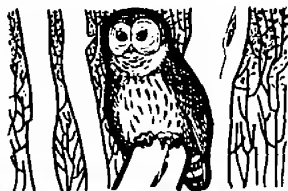
Carey Run	\$ 4,556.62
Mill Creek	14,446.86
Irish Grove	84,779.20
Caroline Co. Property (Down Payment)	1,000.00
Rock Run (Leasehold)	0

Sanctuaries are listed at cost plus subsequent improvements.

H. Edmund Stiles, Treasurer

***Includes an anonymous gift of stock which sold for \$2,863.60, and a \$100.00 donation from the Baltimore Chapter in the name of Chandler Robbins in appreciation of his many services.

THE PRESIDENT'S PAGE



I went away from the March 10, 1973 meeting of your Trustees with some misgivings. I had not said good-bye to the group of which I had been a part for twelve years. Yet, because I thought it was time to step aside to make way for someone else to serve, I had forestalled any possibility of being nominated as a Trustee for 1973-74. That I would continue to attend the Trustees meetings as your President could never have entered my mind then. Humbly I accepted the surprise request of the Nominating Committee. One reason--the principal reason--I accepted that request was that I had observed during the years I served as a Trustee the enthusiasm with which the Trustees and others asked to serve the Society have always performed.

On July 21, I saw an excellent demonstration of that enthusiasm. A special meeting of the Trustees had been called to consider purchasing 110 acres adjacent to our Carey Run Sanctuary. Although it was the middle of summer and vacation time, 43 Trustees or their proxies attended--an excellent turnout. Thanks are due Mrs. Gordon Taylor, Ed Unger, and Chan Robbins, who did the spadework resulting in our securing an option on the land; their previous effort resulted in a smooth efficient meeting.

Because Ed Unger, State Sanctuary Committee Chairman, was in South Carolina, Chan Robbins presented the facts about the land. After some discussion, a motion to purchase the land was carried by an almost unanimous vote. That motion was followed by another motion that the Sanctuary Committee be instructed to raise the money and conclude the purchase. This motion carried by a unanimous vote.

Now, the membership has the opportunity to display the same enthusiasm that the Trustees demonstrated. Each member will receive a letter explaining the purchase and requesting membership support in the form of a contribution for the cause. Our outstanding record in paying off the loan for the purchase of Irish Grove has made our credit very good and was a deciding factor in taking on the new purchase. Let's keep up the good work!

It is encouraging to know that our Society has become so large that we can no longer expect the Executive Secretary to be a volunteer. Therefore, as instructed by the Trustees at Ocean City, we have hired a part-time employee. Mrs. Marlene Letsch, a member of the Society, was hired at a salary of \$2,500. per year. Our special thanks go to Mrs. Alger Zapf who served so faithfully as a volunteer Executive Secretary for the past two years.

Let me announce the latest addition to our Board of Trustees. Miss Jane Daniels of the Baltimore Chapter was approved at the Trustees meeting on June 21.

Users of Carey Run Sanctuary should soon find the plumbing vastly improved. On July 21 the Trustees increased from \$1,000 to \$2,300 the amount appropriated for that cause.

Barclay E. Tucker

STATUS OF THE SANDWICH TERN IN MARYLAND

Richard A. Rowlett

Until this past summer, the status of the Sandwich Tern (*Thalasseus sandwichensis*) in Maryland has remained as hypothetical, based on only two sight records. Two birds were sighted on September 19, 1945, at Ocean City, Worcester County, by Chandler S. Robbins and Robert E. Stewart, on the heels of a hurricane (*Auk* 64:266-274). Not until May 9, 1972 was the Sandwich Tern to be reported again when the author observed two birds five miles east of Ocean City, and presumably the same two again later that day feeding in the Ocean City inlet (*Maryland Birdlife* 28:44).

The paucity of sightings in Maryland seems a little surprising in the author's opinion, especially since the species has recently been found nesting as near as 90 air miles to the south, on Ship Shoal Island, Northampton County, Virginia, at the tip of the Delmarva Peninsula (Byrd, *et al.* *American Birds* 26:843).

In the late afternoon of July 25, 1972, while birding by boat in Sinepuxent Bay, four miles south of Ocean City, I noted a concentration of about 350 Royal Terns resting on a tiny spoil island in the middle of the bay. Being familiar with the habits of the Sandwich Tern, in that the species frequently associates with Royals, I speculated that the possibility certainly warranted exploration.

As I approached the island, the flock of Royal Terns flushed in a noisy panic, and I immediately identified two non-breeding plumaged adult Sandwich Terns among them. They were easily separated from the Royals by the very long black bills which were only slightly tipped with yellow in both birds.

I anchored the boat at the edge of the island and allowed the terns to settle down. Once I took my eyes off the Sandwich Terns, they were virtually impossible to find until I flushed the whole flock again. Several photographs of the Sandwich Terns were secured as they flew around low overhead (see cover photo).

Many species of birds tend to flock with similar, or their "look-alike" species, and go unnoticed. We look for European Widgeon and Teal

with the American counterparts, Ruff with Yellowlegs, and Redpolls with Pine Siskins for example. The Sandwich/Royal Tern relationship is certainly no exception, and it is easy to superficially inspect a flock of Royal Terns and see nothing but Royals. Upon close bird by bird inspection, it can be astonishing to discover what may have been taken for granted. For this reason, and the fact that there have been a few Sandwich Terns seen several times in recent years in the summer months at Chincoteague, Virginia (Paul G. DuMont, *et al.*), I feel confident that between 1945 and 1972, the Sandwich Tern has just plain been overlooked, and it would not be surprising to find the species occasionally and perhaps annually along the coastal section of the State.

Without close scrutiny, a Sandwich Tern in flight, embedded in a large mass of Royals, can be easily overlooked because of the broad wing span which appears only slightly less than that of a Royal. However, by comparison, the wings of the Sandwich seem strikingly long and narrow, and in overall bulk, it is considerably slimmer. Certainly the long, straight, thickish bill, which is jet black and usually tipped with yellow (though it varies from almost none in some individuals to a lot in others), is the most obvious and reliable field mark.

Several late fledgling Royal Terns were found on this same island on July 25, suggesting a nesting colony. It might be about time to carefully search the Royal Tern nesting colonies in Sinepuxent Bay, as there may well be hidden away in there, Maryland's first breeding Sandwich Tern, not to mention a northward breeding range extension.

Patuxent Wildlife Research Center, Laurel

COMING EVENTS

- Aug. 25 ANNE ARUNDEL Monthly Meeting. Pot Luck Supper at Hillsmere.
Sept. 2 ALLEGANY Picnic and Business Meeting at Carey Run. 6 p.m.
5 BALTIMORE Banding Class every Wednesday at home of Mrs. Richard Cole. Call Mrs. Ganter (889-4601) or Mrs. Coy Glass.
6 BALTIMORE trip to Lake Roland. 9 a.m. Mrs. Wm. Gerringer.
7 HARBOR Bimonthly Dinner Meeting, Churchville Presbyterian Church, 6:15 p.m. Reservations: Mrs. Walter Kohout, 316 S. Stokes St., Havre de Grace 21078.
8 BALTIMORE Chimney Swift trip. Phone Mrs. Joshua Rowe, 665-7207.
8 ANNE ARUNDEL trip to Bombay Hook Refuge. 7a.m. at Anglers, US50.
15 ANNE ARUNDEL trip to Arden Farm. 7:30 at Parole Plaza, Riva Rd.
16 TALBOT Breakfast Hike. Hosts: Edith Adkins & Miss D.V. Smith.
17 ALLEGANY Monthly Meeting. Tyler Bastian, State Archeologist.
19 TALBOT Monthly Meeting. 8pm Christ Church Parish House, Easton.
20 MONTGOMERY Monthly Meeting. Fall Warblers by Dr. Wm. Oberman.
20 BALTIMORE trip to Lake Roland. 9 a.m. Mrs. Wm. Gerringer.
21 CAROLINE Monthly Meeting. Our New Sanctuary. Denton Library.
21-23 BALTIMORE Cape May Weekend with N.J. Audubon. Phone 825-2175.
22 ANNE ARUNDEL trip to Col. & Mrs. Bodenstein's. 7:30, Parole Pl.

- Sept. 22 BALTIMORE trip to South Mt. and Lilypons. Meet 9 a.m. at parking lot, Wash. Monument State Park off Alt. Rt. 40.
- 22 ALLEGANY Hawk Watch at Banner's Overlook on Town Hill Mt.
- 23 TALBOT Breakfast Hike. Hosts: Mr. & Mrs. Lee James Smith.
- 25 PATUXENT Monthly Meeting. MOS Sanctuaries by Paul Bystrak. St. Philips Parish Hall, 6th & Main Sts., Laurel, 7:45.
- 26 HARFORD trip to Hawk Mt. Sanctuary, Pa. Phone 939-3146.
- 29 ANNE ARUNDEL trip to Java Farm, Smithsonian ecological research center. Meet 7:30 at Parole Plaza, Riva Rd. entrance.
- 29 BALTIMORE trip to Loch Raven. 8 a.m., Towson Plaza Self-Serv PO
- 29 PATUXENT trip to Col. Bodenstein's. 8 am, Montg'y @ 9th, Laurel
- 30 TALBOT Breakfast Hike. Hosts: Mr. & Mrs. William B. Plate.
- Oct. 2 BALTIMORE Hawk Identification class. 8 p.m., Cylburn Mansion.
- 4 BALTIMORE Lake Roland hike, 9 a.m. Etta Wedge, 664-3581.
- 4 BALTIMORE trip to Soldiers Delight for fringed gentians. 1 p.m. at Acme Mkt., W side Reisterstown Rd at Owings Mills.
- 5 ANNE ARUNDEL Monthly Meeting. Slimbridge by Col. Bodenstein. Anne Arundel Co. Library, West St., Annapolis, 8 p.m.
- 6 ALLEGANY Fall Migration walk. 8:30, Spring Gap Camping Area.
- 6-7 BALTIMORE trip to Dolly Sods, W.Va. Register Oct. 1, 889-4601.
- 7 TALBOT Breakfast Hike. Hosts: Mr. & Mrs. Gunby Reese.
- 9 TALBOT Audubon Wildlife Film "Wild Tennessee" by John D. Bulger. 8 p.m. Easton High School.
- 11 ANNE ARUNDEL trip to Patapsco State Park. 7:30, Parole Plaza.
- 12 BALTIMORE Audubon Wildlife Film "Eastern Birds for the Millions" by Donald Heintzelman. Dumbarton Jr High, 8pm
- 13-14 HARFORD Assateague Weekend. Phone John Wortman, 939-3246.
- 14 BALTIMORE South Mt. hawk trip. See Sept. 22 for details.
- 14 TALBOT Breakfast Hike. Hosts: Mr. & Mrs. Lawrence Stewart.
- 17 TALBOT Monthly Meeting. "On Bluebirds" by Dr. L. Zeleny. 8 p.m., Christ Church Parish House, Easton.
- 18 MONTGOMERY Monthly Meeting. Birds and Flowers of Spain by Phil DuMont and Harriet Gilbert. Perpetual Bldg Assn, Beth.
- 18 ALLEGANY Monthly Meeting. Growing Feathers by Dr. Olin Sewall Pettingill. 7:30 p.m. at Alleg. Commun. Coll. Auditor.
- 19 CAROLINE Monthly Meeting. Eastern Shore Birds by Roy Castle. Denton Public Library, 7:30 p.m.
- 19-21 WICOMICO Atlantic Flyway Wildfowl Carving & Arts Exhibit. Convention Hall, Salisbury.
- 20 BALTIMORE trip to Piscataway Park banding station. Phone Jos. Schreiber, 661-8340 by Oct. 15. Rain date 21st.
- 20-22 ANNE ARUNDEL trip to Hawk Mt. Sanctuary. 1-261-5035 by Oct. 5.
- 21 TALBOT Breakfast Hike. Host: Mr. Richard L. Kleen.
- 23 PATUXENT Monthly Meeting. Birds of Okefenokee Swamp by Larry Calvert. St. Philips Parish Hall, Laurel. 7:45 p.m.
- 26 BALTIMORE Fall Social Evening. Birds of a Maine Coast Is. by Carl Buchheister. Northwood-Appold Church, 8 p.m.
- 27 PATUXENT trip to Myrtle Grove Wildlife Area. 7 a.m., Montgomery at 9th St., Laurel. Mrs. E. Gizzarelli.



PRELIMINARY SCHEDULE OF CHRISTMAS COUNTS

Official Count Period, Dec. 15 - Jan. 1

Sat., Dec. 15	Denton
Sun., Dec. 16	Garrett County; Seneca
Sat., Dec. 22	Allegany County; Triadelphia
Wed., Dec. 26	Southern Dorchester County
Thu., Dec. 27	Ocean City
Fri., Dec. 28	Crisfield
Sat., Dec. 29	Baltimore
Sun., Dec. 30	Annapolis & Gibson Island; Lower Kent
Tue., Jan. 1	Point Lookout

Details will be announced in the September issue.

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MARYLAND BIRDLIFE

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